

Title: A Single-Arm, Multicenter, Phase 2 Study of Brigatinib in Japanese Patients With ALK-Positive Non-Small Cell Lung Cancer (NSCLC)

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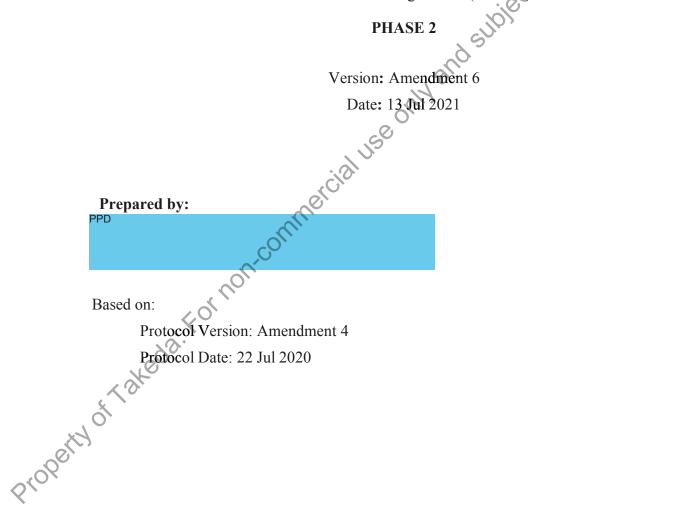
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STATISTICAL ANALYSIS PLAN

STUDY NUMBER: Brigatinib-2001

the applicable terms of Use A Single-Arm, Multicenter, Phase 2 Study of Brigatinib in Japanese Patients With ALK-Positive Non-Small Cell Lung Cancer (NSCLC)



Brigati Statisti	nib-2001 cal Analysis Plan Amendment 6	Page 2 of 83 13 Jul 2021
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Brigatinib-2001 P Statistical Analysis Plan Amendment 6	
2.0 TABLE OF CONTENTS	
1.0 TITLE PAGE	1
1.1 Approval Signatures	\$ي
1.1     Approval Signatures       2.0     TABLE OF CONTENTS	
3.0 LIST OF ABBREVIATIONS	
4.0 OBJECTIVES	
<ul> <li>3.0 LIST OF ABBREVIATIONS</li></ul>	ý
4.2 Secondary Objectives	×9
4.3 Safety Objectives	9
4.4 CCI	9
4.5 Study Design	9
5.0 ANALYSIS ENDPOINTS	12
5.1 Primary Endpoint	
5.2 Secondary Endpoints	12
<ul> <li>4.4 CCI</li> <li>4.5 Study Design</li> <li>5.0 ANALYSIS ENDPOINTS</li> <li>5.1 Primary Endpoint</li> <li>5.2 Secondary Endpoints</li> <li>5.3 Safety Endpoints</li> </ul>	13
5.4	13
6.0 DETERMINATION OF SAMPLE SIZE	
7.0 METHODS OF ANALYSIS AND PRESENTATION	
7.1 General Principles	15
7.1.1 Study Definitions	
7.1.2 Definition of Study Days	
7.1.3 Definition of Study Visit Windows	
7.1.4 Methods for Handling Missing Data and Specific Data	
7.2 Analysis Sets	
7.3 Disposition of Subjects	
7.3.1 Study Information	
7.3.2 Screen Failures	
73.3 Subject Eligibility	
Number of Subjects Who Entered the Treatment Period by Site	
7.3.5 Disposition of Subjects	
7.3.6 Protocol Deviations	
7.3.7 Analysis Sets	
<ul> <li>7.3.4 Number of Subjects Who Entered the Treatment Period by Site</li> <li>7.3.5 Disposition of Subjects</li> <li>7.3.6 Protocol Deviations</li> <li>7.3.7 Analysis Sets</li> <li>7.4 Demographic and Other Baseline Characteristics</li> </ul>	
7.5 Medical History and Concurrent Medical Conditions	
7.6 Medication History and Concomitant Medications	

igatinib-2001 itistical Analys	is Plan Amendment 6	Page 4 of 83 13 Jul 2021
7.7 Stuc	ly Drug Exposure and Compliance	<u>13 Jul 2021</u> 30 31
7.8 Effi	cacy Analysis	31
7.8.1	Primary Efficacy Endpoint(s) Secondary Efficacy Endpoint(s)	
7.8.2	Secondary Efficacy Endpoint(s)	
7.8.3	Additional Efficacy Endpoint(s)	
7.9 Pha	Additional Efficacy Endpoint(s). rmacokinetic/Pharmacodynamic Analysis Pharmacokinetic Analysis Pharmacodynamic Analysis er Outcomes ety Analysis	
7.9.1	Pharmacokinetic Analysis	
7.9.2	Pharmacodynamic Analysis	
7.10 Oth	er Outcomes	40
7.11 Safe	ty Analysis	40
7.11.1	Adverse Events	40
7.11.2	Clinical Laboratory Evaluations	56
7.11.3	Adverse Events Clinical Laboratory Evaluations Vital Signs 12-Lead ECGs Other Observations Related to Safety rim Analysis Analysis plan at the Interim Analysis	57
7.11.4	12-Lead ECGs	58
7.11.5	Other Observations Related to Safety	59
7.12 Inte	rim Analysis	59
7.12.1	Analysis plan at the Interim Analysis	60
7.12.2	Analysis plan in safety lead-in part	60
7.13 Plan	ned Analysis for the Refractory Patients and one for TKI-naïve Patient	s61
7.13.1	Planned Analysis for the Refractory Patients	61
7.13.2	Planned Analysis for TKI-naïve Patients	61
7.13.3	Planned Final Analysis	61
7.14 Cha	nges in the Statistical Analysis Plan	61
) REFER	ENCES	62

# LIST OF IN-TEXT TABLES

	Table 7.a 🗙	* The Scheme of Progression and Censoring for PFS	16
	Table 7.6	Minimum Number of Confirmed ORR at the Primary Analysis	60
	10		
	Č.		
X	LIST OF IN	-TEXT FIGURES	
OL.	Figure 4.a	Overview of Study Design	11
40,0			
2			

Figure 4.a	Overview of Study	Design	.11
------------	-------------------	--------	-----

Statistical Man	ysis Plan Amendment 6 13 Jul 20
LIST OF AP	PENDICES
Appendix 1	Criteria for Markedly Abnormal Values
Appendix 2	Definition of Adverse Event of GI events, Hepatic events and Visual
oftakeda	Page 5 of 13 Jul 20 PENDICES Criteria for Markedly Abnormal Values

#### 3.0 LIST OF ABBREVIATIONS

		inib-2001 ical Analysis Plan Amendment 6	Page 6 of 83 13 Jul 2021
		Initio-2001 ical Analysis Plan Amendment 6 LIST OF ABBREVIATIONS adverse event anaplastic lymphoma kinase alkaline phosphatase alanine aminotransferase absolute neutrophil count aspartate aminotransferase area under the plasma concentration-time curve twice daily blood urea nitrogen oral clearance maximum observed plasma concentration central nervous system creatine phosphokinase complete response contract research organization clinical study report computed tomography circulating tumor DNA Cycle x Day x cytochrome P450	15 ⁰
	3.0	LIST OF ABBREVIATIONS	
	AE	adverse event	SOT
	ALK	anaplastic lymphoma kinase	
	ALP	alkaline phosphatase	XON
	ALT	alanine aminotransferase	
	ANC	absolute neutrophil count	1010
	AST	aspartate aminotransferase	C ^{O.}
	AUC	area under the plasma concentration-time curve	
	BID	twice daily	
	BUN	blood urea nitrogen	
	CL/F	oral clearance	
	$C_{max}$	maximum observed plasma concentration	
	CNS	central nervous system	
	СРК	creatine phosphokinase	
	CR	complete response	
	CRO	contract research organization	
	CSR	clinical study report	
	СТ	computed tomography	
	ctDNA	circulating tumor DNA	
	CxDx	Cycle x Day x	
	CYP	cytochrome P450	
	DCR	disease control rate	
	DDI	drug-drug interaction	
	DLSS	Dohmen Life Science Services	
	DLT	dose-limiting toxicity	
	DOR	duration of response	
	ECG	electrocardiogram	
	ECOG	Eastern Cooperative Oncology Group	
	eCRF	electronic case report form	
	EGFR	electronic case report form epidermal growth factor receptor early onset pulmonary event	
	EOPE	early onset pulmonary event	
	EORTC	European Organisation for Research and Treatment of Cancer	
	EOT	end of treatment	
	EQ-5D-	-	
	EU	European Union	
X	FAS	full analysis set	
-061	FDA	Food and Drug Administration	
2401	FFPE	formalin-fixed, paraffin-embedded	
×	FISH	fluorescence in situ hybridization	
	GCP	Good Clinical Practice	

Brigatinib-2001 Statistical Analysis F	Plan Amendment 6	Page 7 of 83 13 Jul 2021
G-CSF	granulocyte colony-stimulating factor	19
GM-CSF	granulocyte macrophage-colony stimulating factor	
HbA1c	hemoglobin A1c	60
HBcAb	hepatitis B core antibody	- Company
HBsAb	hepatitis B surface antibody	XON
HBsAg	hepatitis B surface antigen	
HBV	hepatitis B virus	
HCV	hepatitis C virus	Cor
HCVAb	hepatitis C virus antibody	
HIV	human immunodeficiency virus	2°
HRQOL	health-related quality of life	
ICF	informed consent form	
ICH	International Conference on Harmonisation	
IDMC	independent data monitoring committee	
iDOR	duration of intracranial response	
IGF1R	insulin-like growth factor receptor 1	
ILD	interstitial lung disease	
iORR	intracranial objective response rate	
iPFS	intracranial progression-free survival	
IRB	institutional review board	
IRC	independent review committee	
IUD	intrauterine device	
KD	kinase domain	
KL-6	Krebs von den Lungen-6	
KRAS	v-Ki-ras2 Kirsten rat sarcoma viral oncogene homologue	
LDH	lactate dehydrogenase	
MedDRA	Medical Dictionary for Regulatory Activities	
MHLW	Ministry of Health, Labour and Welfare	
MHRA	Medicines and Healthcare products Regulatory Agency	
MRI	magnetic resonance imaging	
NCI CTCAE	National Cancer Institute Common Terminology Criteria for Adv	verse Events
NGS	next-generation sequencing	
NSCLC	non-small cell lung cancer	
ORR	objective response rate	
OS	overall survival	
PD	progressive disease	
PFS	progression-free survival	
РК	pharmacokinetic(s)	
PMDA	Pharmaceuticals and Medical Devices Agency of Japan	
РР	per-protocol	
PR	partial response	

Brigatinib-2001 Statistical Analysis	Plan Amendment 6	Page 8 of 83 <u>13 Jul 2021</u> of US
PRO	patient-reported outcome	
QD	once daily	Ó
QLQ	Quality of Life Questionnaire	S
QOL	quality of life	- Chi
QTc	heart rate-corrected QT interval (calculated)	$\sqrt{\circ}$
QTcF	corrected QT interval by the Fridericia formula	NO Ì
RECIST	Response Evaluation Criteria in Solid Tumors	
ROS1	c-ros oncogene 1	
SAE	serious adverse event	
SAP	statistical analysis plan	
SD	stable disease	
SLD	sum of the longest diameters	
SMQ	symptoms standardized Medical Dictionary for Regulatory Activities query	
SP-D	symptoms standardized Medical Dictionary for Regulatory Activities query surfactant protein-D percutaneous oxygen saturation	
$SpO_2$	percutaneous oxygen saturation	
SRS	stereotactic radiosurgery	
SUSAR	suspected unexpected serious adverse reaction	
TEAE	treatment-emergent adverse event	
TKI	tyrosine kinase inhibitor	
t _{max}	time of first occurrence of C _{max}	
ULN	upper limit of the normal-range	
US	United States	
WBRT	whole brain radiation therapy	
WHO	World Health Organization	
ty of takeda. Fr	World Health Organization	

#### 4.0 **OBJECTIVES**

#### 4.1 **Primary Objectives**

The primary objective is to evaluate efficacy of brigatinib in Japanese patients with ALKpositive advanced NSCLC.

- ORR will be evaluated in the refractory patients.
- ect to the al PFS rate at 12 months in Kaplan-Meier plots (12 months PFS rate) will be evaluated in the TKI-naïve patients.

#### 4.2 **Secondary Objectives**

The secondary objectives are:

- To confirm the clinical dose in Japanese patients.
- To characterize the efficacy of brigatinib as shown by following parameters For all enrolled patients (including TKI-naïve patients); DOR, PFS, disease control rate (DCR), time to response, and overall survival (OS) For the TKI-naïve patients: ORR
- To characterize the intracranial efficacy of brigatinib, as evidenced by iORR, duration of ٠ intracranial response (iDOR), and iPFS in patients with intracranial disease at baseline, from refractory and TKI-naïve cohorts.
- To assess patient-reported outcomes (PROs) of health-related quality of life (HRQOL) and symptoms of lung cancer with the European Organization for Research and Treatment of Cancer (EORTC) Quality of Life Questionnaire (QLQ)-C30 (version 3.0), its lung cancer module QLO-LC13, and the 5-level version of the EuroQol 5dimensional questionnaire (EQ-5D-5L).
- To characterize the PK of brigatinib in Japanese patients. •

#### 4.3 Safety Objectives

The safety objective is to assess the safety and tolerability of brigatinib.

#### 4.5 Study Design

This is a nonrandomized, multicenter, phase 2, open-label study with a safety evaluation lead-in, to evaluate the efficacy and safety of brigatinib in Japanese patients with ALK-positive advanced NSCLC.

Brigatinib-2001	Page 10 of 83
Statistical Analysis Plan Amendment 6	13 Jul 2021

150 USE The study consists of the safety evaluation lead-in part and the expansion part. The safety evaluation lead-in part allows patients with any line of prior ALK inhibitor which includes treatment-naïve patients; however, ALK inhibitor-naïve patients may be enrolled after the confirmation of first 3 DLT evaluable patients to have no more than 1 DLT during Cycle 1 by investigator's judgement. The expansion part consists of the TKI-naïve expansion cohort and the refractory expansion part, and the refractory expansion part includes the main cohort and a. subcohort based on prior ALK inhibitor treatment. The TKI-naïve expansion cohort includes the patients who have not received any prior TKI including ALK inhibitor. In this cohort, the efficacy will be evaluated, and total of 32 patients will be enrolled. The main cohort of the refractory expansion part includes patients who had previously received alectinib (as their only ALK inhibitor) or both alectinib and crizotinib (regardless the sequence of those 2 ALK inhibitors). The main cohort of the refractory expansion part will be used for the primary analysis of efficacy, and a total of 47 patients will be enrolled in the main cohort of the refractory expansion part. Patients with all other sequences of up to 2 prior ALK inhibitor(s) may be included in the subcohort of the refractory expansion part. Such other ALK inhibitors include (1) crizotinib only, (2) ceritinib only, (3) lorlatinib only, (4) both crizotinib and ceritinib, (5) both alectinib and ceritinib, (6) both crizotinib and lorlatinib, (7) both alectinib and lorlatinib, and (8) both ceritinib and lorlatinib. Up to 20 patients will be enrolled in the subcohort of the refractory expansion part.

In this study, brigatinib will be administered at 90 mg QD for the first 7 days and then 180 mg QD (90 mg QD $\rightarrow$ 180 mg QD). In the safety evaluation lead-in part, patients will be monitored for intensive PK, and the tolerability of 90 mg QD $\rightarrow$ 180 mg QD dosing will be confirmed. If the 90 mg QD $\rightarrow$ 180 mg QD dosing regimen is considered tolerable, additional patients enrolled in the expansion part will be treated with the same dosing schedule (90 mg  $OD \rightarrow 180$  mg OD).

For the TKI-naïve expansion cohort, 32 patients will be enrolled and 12 month PFS rate will be evaluated as the primary endpoint. The primary analysis will be performed at around 10 months after the enrollment of the last subject in TKI-naïve expansion cohort. The sample size and evaluation timing may be adjusted based on results of second interim analysis of ALTA-1L study, and actual enrollment period of the TKI-naïve expansion cohort.

For the main cohort of the refractory expansion part, there are 2 stages: the first 29 patients in the main cohort are included in Stage 1, and further patients will be continuously enrolled into Stage 2. An interim analysis for futility and efficacy will be performed in the Stage 1 population when the first 29 post-alectinib patients have had the opportunity to complete at least 3 postbaseline scans (ie, after the Cycle 7 Day 1 disease assessment). Enrollment will not be suspended during evaluation of those 29 patients.

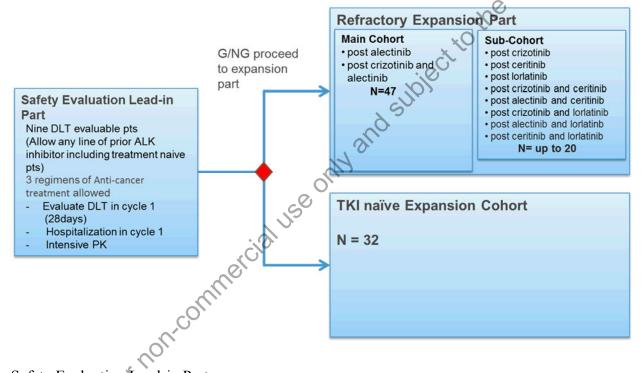
Following the screening period, eligible patients will be enrolled and treated with brigatinib. A patient is considered to be enrolled in the study when the first dose of brigatinib is administered.

Toxicity will be evaluated according to National Cancer Institute Common Terminology Criteria for Adverse Events (NCI CTCAE), Version 4.03, effective date 14 June 2010.

Brigatinib-2001	Page 11 of 83
Statistical Analysis Plan Amendment 6	<u>13 Jul 2021</u>
Response evaluation per RECIST version 1.1 will be done by both the investige The primary analysis will performed on the results from the IRC.	gator and an IRC.
Patients will be treated until they experience objective progressive disease (PI version 1.1, as assessed by the investigator, intolerable toxicity, withdrawal of discontinuation for any other reason. Treatment of patients with brigatinib may	f consent, or

Patients will be treated until they experience objective progressive disease (PD) per RECIST version 1.1, as assessed by the investigator, intolerable toxicity, withdrawal of consent, or discontinuation for any other reason. Treatment of patients with brigatinib may be continued at the tolerated dose level, despite investigator-assessed PD by RECIST version 1.1, if the patient otherwise has evidence of ongoing clinical benefit. In this case, discussions and agreements between the investigator and the sponsor's project clinician (or designee) are required.

#### Figure 4.a **Overview of Study Design**



## Safety Evaluation Lead-in Part

Nine DLT-evaluable patients will be enrolled in the safety evaluation lead-in part. The patients in the safety evaluation lead-in part will be hospitalized during Cycle 1 in general, and their condition will be closely monitored for safety and tolerability. Serial blood samples will be collected for the intensive PK profile. If a patient wishes to return home temporarily and the investigator confirms that the patient's symptoms are stable per the available data, then the patient may return home temporarily except on Days 1 through 10 and Days 22 and 23, provided this does not interfere with the study assessments. The investigator must document the confirmation record for stabilization of the patient's symptoms per the available data in an appropriate source record (eg, medical records) before the patient's temporary leave.

Brigatinib-2001	Page 12 of 83
Statistical Analysis Plan Amendment 6	13 Jul 2021

DLTs are defined in Section 8.2. Tolerability of the 90 mg QD $\rightarrow$ 180 mg QD schedule will be determined on the basis of the DLTs observed in Cycle 1. If a DLT is observed in fewer than 3 of the 9 DLT-evaluable patients in the safety evaluation lead-in part 41.000 gQD regimen will be used for the patients enrolled.

Expansion Part (Refractory Expansion Part and TKI-Naïve Expansion Cohort)

Patients in the refractory expansion part and the TKI-naïve expansion cohort may be managed on an outpatient basis, and the number of study sites will be increased up to approximately 40. Patients in the refractory expansion part and the TKI-naïve expansion cohort will undergo lessintensive PK blood sampling than patients in the safety evaluation lead-in part.

On an outpatient basis, patients will visit the hospital on Days 0,8, and 15 of Cycle 1, and then on Day 1 of each cycle after Cycle 2. Tumor assessment will be performed every 2 cycles from Cycle 3 Day 1 through Cycle 15 Day 1, then every 3 cycles thereafter until the last dose of study drug. For patients who discontinue study treatment in the absence of PD, additional tumor assessment should continue at the same time points as the study treatment until PD or the start of another systemic anticancer therapy. ercialuse

#### **ANALYSIS ENDPOINTS** 5.0

#### 5.1 **Primary Endpoint**

The primary endpoints are:

- Confirmed ORR as assessed by an IRC, per Response Evaluation Criteria in Solid Tumors (RECIST) version 1.1 in the main cohort of the refractory expansion part
- 12 months PFS rate as assessed by an IRC, per RECIST version 1.1 in the TKI-naïve ٠ expansion cohort

#### **Secondary Endpoints** 5.2

The secondary endpoints are:

- a) Efficacy endpoint in the TKI-naïve expansion cohort, the overall population of the refractory expansion part, and the safety evaluation lead-in part:
- Confirmed ORR, as assessed by an IRC, per RECIST version 1.1.
- b) Efficacy endpoints in the TKI-naïve expansion cohort, the main cohort of the refractory expansion part, the overall population of the refractory expansion part:
- DOR, as assessed by an IRC, per RECIST version 1.1.
- PFS, as assessed by an IRC, per RECIST version 1.1.

- DCR, as assessed by an IRC, per RECIST version 1.1.
- Time to response, as assessed by an IRC, per RECIST version 1.1.
- OS.
- CNS response, as assessed by IRC, per modified RECIST version 1.1 for assessment of intracranial efficacy (Appendix H) (iORR and iDOR in patients who had measurable CNS metastases, and iPFS in all patients).
- Time on treatment.
- c) Efficacy endpoints in the TKI-naïve expansion cohort, the main cohort of the refractory expansion part, and the safety evaluation lead-in part:
- Confirmed ORR, as assessed by the investigator, per RECIST version 1.1.
- PROs of HRQOL scores and symptoms of lung cancer, assessed with the EORTC QLQ-C30 (version 3.0), its lung cancer module QLQ-LC13, and the EQ-5D-5L (except for the safety evaluation lead-in part).
- d) PK endpoint in the safety evaluation lead-in part:
  - Brigatinib maximum observed plasma concentration (C_{max}), time of first occurrence of C_{max} (t_{max}), and area under the plasma concentration-time curve (AUC) on Cycle 1 Days 1 and 22.

## 5.3 Safety Endpoints

The safety endpoints are:

- The number and percentage of patients with TEAEs in the overall population.
- The number and percentage of patients with Grade 3 or higher TEAEs in the overall population.
- The number and percentage of patients with serious TEAEs in the overall population.
- The number and percentage of patients discontinuing study drug because of TEAEs in the overall population.
- The number of patients with DLTs during Cycle 1 in the safety evaluation lead-in part.



20

## 6.0 DETERMINATION OF SAMPLE SIZE

The purpose of this phase 2 study is to determine efficacy of brigatinib in patients with ALK-positive NSCLC.

In the safety evaluation lead-in part, 9 DLT-evaluable patients will be enrolled for intensive safety and PK monitoring. This number of patients was derived from the following considerations: The meaningful intensive PK characterization needs to be conducted with more than 6 patients. It is assumed that 9 patients may be reasonable to secure the number of patients needed for intensive PK characterization, even with potential dropouts, and to evaluate the tolerability of the study drug. Also, 9 DLT-evaluable patients is enough to evaluate tolerability before expanding the dose cohort to a larger population using a conventional 3+3 design.

The sample size in the main cohort of the refractory expansion part was determined to allow confirmation that the true ORR (expected response rate) is greater than the threshold response rate of 15% for patients previously treated with alectinib alone and those treated with both alectinib and crizotinib. The rationale for the 15% response rate for the alectinib (with or without crizotinib) pretreated population is based on the consideration that compared with crizotinib, patients who have failed alectinib are less likely to respond to subsequent therapy because of alectinib's greater potency and better coverage of ALK mutations compared with crizotinib.

A sample size of 47 patients in the post-alectinib population of the refractory expansion part with the stopping rule mentioned in Section 13.2 will allow the study to have more than 90% power to rule out a threshold response rate when the true ORR is expected or higher than 35% with a 1-sided alpha of 0.025, according to the H1-minimax design in Englert [16].

The number of patients in the subcohort of the refractory expansion part (ie, patients previously treated with crizotinib only, ceritinib only, lorlatinib only, both crizotinib and ceritinib, both alectinib and ceritinib, both crizotinib and lorlatinib, both alectinib and lorlatinib) will be limited to 20. These patients will be included in evaluations of the overall population.

The sample size in the TKI-naïve expansion cohort was determined to allow confirmation that the true 12 months PFS rate (expected response rate) is greater than the threshold of 42.6% (estimated PFS rate at 12 months in Kaplan-Meier plots observed in ALTA-1L Crizotinib arm) for TKI-naïve patients.

A sample size of 32 patients in the TKI-naïve expansion cohort will allow the study to have approximately 80% power to rule out the threshold rate (42.6%) when the true 12 months PFS rate is expected or higher than 66.5% (estimated PFS rate at 12 months in Kaplan-Meier plots observed in ALTA-1L Brigatinib arm) with a 1-sided alpha of 0.05, considering 10% patients will discontinue the study follow-up before the 12 months milestone due to reasons other than disease progression assessed by IRC or death, and 8 months enrollment period. The primary

Brigatinib-2001	Page 15 of 83
Statistical Analysis Plan Amendment 6	13 Jul 2021

Applicable terms of Use analysis will be performed at around 10 months after the enrollment of the last subject in the TKI-naïve expansion cohort. The sample size and evaluation timing may be adjusted based on results of second interim analysis of ALTA-1L study, and actual enrollment period of the TKInaïve expansion cohort.

Overall, the total number of patients will be approximately 110 patients.

#### 7.0 **METHODS OF ANALYSIS AND PRESENTATION**

#### 7.1 **General Principles**

All statistical analyses will be conducted using SAS® Version 9.4, or higher.

A statistical test for the primary endpoint will be reported as 1-sided and will be assessed at  $\alpha$ =0.025 significance level and all confidence intervals will be reported as 2-sided unless otherwise stated. P-values will be rounded to 4 decimal places prior to assessment of statistical significance.

Means and medians will be presented to 1 more decimal place than the recorded data. The standard deviations (SDs) will be presented to 2 more decimal places than the recorded data. Confidence intervals about a parameter estimate will be presented using the same number of decimal places as the parameter estimate.

Where appropriate, variables will be summarized descriptively by study visit. For the categorical variables, the count and proportions of each possible value will be tabulated. The denominator for the proportion will be based on the number of subjects who provided non-missing responses to the categorical variable. For continuous variables, the number of subjects with non-missing values, mean, median, SD, minimum, and maximum values will be tabulated.

#### Study Definitions 7.1.1

How to convert a time-to-event endpoint unit from day to month:

value (Month) = value (Day)/30.4375

Dose intensity:

Total amount of doses taken/(Last non-zero dose date – First dose date +1)

**Relative Dose Intensity:** 

(Total amount of dose taken /Total amount of dose planned per initial dose)*100

Objective Response Rate(ORR):

The proportion of patients who are confirmed to have achieved CR or PR

Confirmed responses

Responses that persist on repeat imaging 4 weeks (allowing a minus 3-day time window) or more after initial response, which will be confirmed by the investigator or IRC.

Duration of Response(DOR):

The time between the first documentation of objective tumor response (CR or PR) and the first subsequent documentation of objective PD or death due to any cause, whichever occurs first

Progression-Free Survival (PFS):

The time from the start of study treatment to the first documentation of objective PD or to death due to any cause, whichever occurs first.

- Based only on radiological assessments verified by an IRC. Clinical progression is not considered a progression endpoint.
- The date of death when the patient is closely followed. However, deaths occurring after two • or more missed visits are censored at the last visit
- The detailed scheme of progression and censoring for the primary analysis of PFS is ٠ specified in Table 7.a.

Situation	Date of progression or censoring	Outcome
Documented disease progression or	Earliest of the following:	Progressed
death with no baseline disease	Date of death	
assessment	Date of progression	
New anticancer treatment (including palliative radiotherapy and cancer- related surgery) started prior to documented disease progression or death	Date of last adequate radiological assessment prior to initiation of new anticancer treatment (including palliative radiotherapy and cancer- related surgery)	Censored
Death or PD without more than 1 missing radiographic assessment	Date of death or first PD whichever occurred first	Progressed
Death or PD after two or more missing radiographic assessments	Date of last adequate radiological assessment	Censored
No progression or death	Date of last adequate radiological assessment	Censored

Table 7.a The Scheme of Progression and Censoring for PFS

Disease Control Rate (DCR):

The proportion of patients who are confirmed to have achieved CR or PR or have a best overall response of stable disease (SD) for 6 weeks or more after initiation of study drug.

Time to response:

The time interval from the date of the first dose of study treatment until the initial observation of CR or PR for patients with confirmed CR/PR.

Overall Survival (OS):

The time from the start of study treatment to the date of death.

Best response in target lesions:

rerms of Use The maximum unsigned decrease (or the minimum increase if no decrease) in percentage in the sum of the longest dimensions of the target lesions at a single assessment as compared with baseline.

Time on treatment

Time on treatment is defined as the time interval from the first dose to the last dose of assigned study treatment.

ILD/Pneumonitis Events:

The search strategy included manual selection of PTs of Interstitial lung disease and Pneumonitis.

Bradycardia Events:

The search strategy included manual selection of PTs of Ibradycardia, Central bradycardia, Heart rate decreased, Sinus bradycardia, Bradyarrhythmia, Atrioventricular block, Atrioventricular block complete, Atrioventricular block first degree and Atrioventricular block second degree.

Hypertension Events:

The search strategy included manual selection of PTs of Accelerated hypertension, Blood pressure diastolic increased, Blood pressure increased, Blood pressure systolic increased, Diastolic hypertension, Hypertension and Systolic hypertension.

GI Events.

Some PTs were retrieved manualy from SMQ; Gastrointestinal nonspecific symptoms and therapeutic procedures. For other GI events, the search strategy included manual selection of PTs of Dysphagia, Gastrointestinal tracvirritation, Regurgitation, Retching and Vomiting projectile. Further details are given in Appendix 2.

Increased Insulin/ Hyperglycemia Events:

Hyperglycemia Events. The search strategy included manual selection of PTs of Blood glucose increased, Diabetes mellitus, Glycosylated haemoglobin increased, Hyperglycaemia, Insulin resistant diabetes Insulin-requiring type 2 diabetes mellitus, Type 1 diabetes mellitus, Type 2 diabetes mellitus and Type 3 diabetes mellitus.

Increased Insulin Events: The search strategy included manual selection of PTs of Blood Insulin increased and Hyperinsulinaemia.

Hyperglycemia Events and Increased Insulin Events were analyzed and tabulated together.

Hepatic Events

Some PTs were retrieved manualy from SMQ; Liver related investigations, signs and symptoms, Cholestasis and jaundice of hepatic origin, Hepatic failure, fibrosis and cirrhosis and other liver damage-related conditions and Hepatitis, non-infectious. Further details are given in Appendix 2.

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## Elevated CPK

The search strategy included manual selection of PTs of Blood creatine increased, Blood creatine phosphokinase increased, Hypercreatinaemia, Blood creatine phosphokinase MB increased, Blood creatine phosphokinase BB increased, Blood creatin

## Muscle Toxicity

The search strategy included manual selection of PTs of Muscle necrosis, Myoglobin blood increased, Myoglobin blood present, Myoglobin urine present, Myoglobinaemia, Myoglobinuria, Myopathy, Myopathy toxic, Necrotising myositis, Rhabdomyolysis, Biopsy muscle abnormal, Muscle discomfort, Muscle disorder, Muscle fatigue, Muscular weakness, Musculoskeletal discomfort, Musculoskeletal disorder, Musculoskeletal pain, Myalgia, Myositis and Musculoskeletal chest pain.

## Pancreatic Events

Chemical Pancreatitis: The search strategy included manual selection of PTs of Amylase abnormal, Amylase increased, Hyperamylasaemia, Hyperlipasaemia, Lipase abnormal, Lipase increased, Pancreatic enzyme abnormality, Pancreatic enzymes abnormal, Pancreatic enzymes increased and Ultrasound pancreas abnormal.

Clinical Pancreatitis: The search strategy included manual selection of PTs of Haemorrhagic necrotic pancreatitis, Ischaemic pancreatitis, Oedematous pancreatitis, Pancreatic abscess, Pancreatic haemorrhage, Pancreatic necrosis, Pancreatitis, Pancreatitis acute, Pancreatitis haemorrhagic, Pancreatitis necrotising and Pancreatitis relapsing.

Chemical and clinical pancreatic events were analyzed and tabulated together.

Peripheral Neuropathy Events

A broad search strategy was used for the retrieval of all active PTs from the SMQ: Peripheral neuropathy.

## Skin and Subcutaneous Events

The search strategy was used for the retrieval of all active PTs from the SOC; Skin and Subcutaneous Events.

## Visual Impairment Events

The search strategy was used for the retrieval of all active PTs from the HLGT; vision disorder, some PTs were retrieved from SMQs; retinal disorder, glaucoma, lens disorder. For other Visual Impairment events, the search strategy included manual selection of PTs. Further details are given in Appendix 2.

## Photosensitivity

The search strategy was used for the retrieval of all active PTs from the HLT; photosensitivity and photodermatosis conditions. Further details are given in Appendix 2.

Brigatinib-2001 Statistical Analysis Plan Amendment 6	Page 19 of 83 13 Jul 2021
CNS involvement at Screening:	USE USE
The subjects with Brain and Leptomeningeal Involvement at Screening	Ó
Treatment-Emergent Adverse Events leading to study drug dose modificat	tion:
TEAE leading to dose discontinuation, dose interruption, or dose reduction	n KÖ
The subject who administrated any Chemo therapy:	tion:
The subjects who administrated the medication whose code are matched in prior anticancer therapy           Bevacizumab           Carboplatin           Chemotherapeutics           Cisplatin           Docetaxel           Gimeracil;Oteracil potassium;Tegafur           Gimeracil;Oteracil;Tegafur           Motesanib	n the following table as
Bevacizumab	OX.
Carboplatin	
Chemotherapeutics	
Cisplatin	
Docetaxel	
Gimeracil;Oteracil potassium;Tegafur	
Gimeracil;Oteracil;Tegafur	
Motesanib	
Nivolumab	
Paclitaxel	
Pembrolizumab	
Pemetrexed disodium	
Tegafur;Uracil	

## 7.1.2 Definition of Study Days

Study Day 1 is defined as the date on which a subject is administered their first dose of the medication. Other study days are defined relative to the Study Day 1 with Day 1 being Study Day 1 and Day -1 being the day prior to Study Day 1.

## 7.1.3 Definition of Study Visit Windows

For each visit, observation obtained in the corresponding time interval will be used. If more than one observation lies within the same visit window, the observation with the closest Day to the scheduled Day will be used. If there are two observations equidistant to the scheduled Day, the later observation will be used.

6 US

## HRQOL scores(EORTC QLQ-C30, QLQ-LC13, and EQ-5D-5L), 12-lead ECG, ECOG performance status, and Testosterone

	Scheduled Day	Time Interval (days)		
Visit	(days)	Day*	Follow-up Day	
Baseline	Day from first visit in cycle1:	1	-14 - 1	
Cycle 2	Day from first visit in cycle2:	1	-3 - 29	
Cycle 3	Day from first visit in cycle3:	1	-3 - 29	
Cycle 4	Day from first visit in cycle4:	1	-3 - 29	
Cycle 5	Day from first visit in cycle5:	1	-3 - 29	
Cycle 6 and beyond	Day from first visit in each cycle:	10	-3 - 29	

* "Day" indicates day after first visit in cycle which is mentioned in "Scheduled Study Day".

If the data is in the scope of several visits, the data will be regarded as the candidate data of the latest visit.

## Laboratory Assessments except HbA1c and Testosterone

	Scheduled Day	Time	Time Interval (days)	
Visit	(days)	Day*	Follow-up Day	
Baseline	Day from first visit in cycle1:	1	-14 - 1	
Cycle 1 Day15	Day from first visit in cycle1:	15	2 - 29	
Cycle 2	Day from first visit in cycle2:	1	-3 - 29	
Cycle 3	Day from first visit in cycle3:	1	-3 - 29	
Cycle 4	Day from first visit in cycle4:	1	-3 - 29	
Cycle 5	Day from first visit in cycle5:	1	-3 - 29	
Cycle 6 and beyond	Day from first visit in each cycle:	1	-3 - 29	

* "Day" indicates day after first visit in cycle which is mentioned in "Scheduled Study Day". If the data is in the scope of several visits, the data will be regarded as the candidate data of the latest visit.

### Vital signs

	Scheduled Day		Time Interval (days)	
	Visit	(days)	Day*	Follow-up Day
	Baseline	Day from first visit in cycle1:	1	-14 - 1
	Cycle I Day8	Day from first visit in cycle1:	8	2 - 11
_	Cycle 1 Day15	Day from first visit in cycle1:	15	12 - 29
_	Cycle 2	Day from first visit in cycle2:	1	-3 - 29
	Cycle 3	Day from first visit in cycle3:	1	-3 - 29
b.	Cycle 4	Day from first visit in cycle4:	1	-3 - 29
01-	Cycle 5	Day from first visit in cycle5:	1	-3 - 29
~~~ <u>~</u>	Cycle 6 and beyond	Day from first visit in each cycle:	1	-3 - 29
*	"Day" indicates day after first	visit in cycle which is mentioned in "Schedule	d Study Day".	
I	If the data is in the scope of several visits, the data will be regarded as the candidate data of the latest v			e latest visit.

HbA1c

	Scheduled Day	Time	e Interval (days)
Visit	(days)	Day*	Follow-up Day
Baseline	Day from first visit in cycle1:	1	-14 - 1
Cycle 4 and beyond	Day from first visit in each cycle:	1	-3 - 29

* "Day" indicates day after first visit in cycle which is mentioned in "Scheduled Study Day". If the data is in the scope of several visits, the data will be regarded as the candidate data of the latest visit.

7.1.4 Methods for Handling Missing Data and Specific Data

All available efficacy and safety data will be included in data listing and tabulations. No imputation of values for missing data will be performed unless otherwise specified.

- For ORR as assessed by an IRC, if any tumor response of post baseline is not assessed or any tumor response of baseline is not confirmed as measurable disease per the IRC, the patients will be treated as the one who are <u>not</u> confirmed to have achieved CR or PR
- For ORR as assessed by an investigator, if any tumor response of post baseline is not assessed or any tumor response of baseline is not confirmed as measurable disease per the investigator, the patients will be treated as the one who are <u>not</u> confirmed to have achieved CR or PR
- For DCR, patients with only non-measurable disease who had a CR or non-CR/non-PD will be considered as having achieved DCR.
- For DOR, if tumor response cannot be confirmed, the patient will not be analyzed.
- For EORTC QLQ-C30, QLQ-LC13, published scoring manuals and guidelines will be used to calculate scores and handle missing data.
- For stage at Screening, if no data has been input in CRF, the stage at initial diagnosis will be used as the stage at screening,
- For clinical laboratory tests, values less than the lower limit of quantification will be treated as value of lower limit when calculating the descriptive statistics.
- Disease duration with first diagnosis date of ALK + non small cell lung cancer that are completely or partially missing will be derived as follows:

If the year is missing, then the disease duration will be treated as missing.

- If the year is present but the month is missing, then the month will be treated as January for the calculation.

7.2 Analysis Sets

The refractory expansion part and safety evaluation lead-in part:

Brigatinib-2001	Page 22 of 83
Statistical Analysis Plan Amendment 6	<u>13 Jul 2021</u>
Safety population will be defined as patients who receive at least 1 dose of stu used for all safety analyses.	idy drug will be
Full analysis set (FAS) population will be defined as all patients who receive study drug.	at least 1 dose of
FAS-P population the main analysis set used for primary efficacy analysis w	vill be defined a

FAS-P population, the main analysis set used for primary efficacy analysis, will be defined a subset of the FAS population consisting of first 47 patients in the main cohort of the expansion part.

Per-protocol (PP) population will be defined as a subset of the FAS-P population including patients who do not have a major protocol violation listed below:

- Subjects who did not meet inclusion criteria #3, #4, #6 or, #10.
- Subjects who met exclusion criteria #9, #10, #11, #13 or, #14.
- Subjects who have violated the following rules specified in section 8.5.
 - Any other systemic anticancer therapy including, but not limited to, chemotherapeutic agents, immunotherapy, biological response modifiers (excluding growth factors), radiotherapy, and/or systemic hormonal therapy (with the exception of local therapies, such as SRS and WBRT, used for palliative or symptomatic control of existing lesions, with appropriate treatment interruption at the discretion of the investigator). Hormonal contraception is allowed.
 - Use of any other investigational drug or device.
 - Extensive surgery requiring in-patient care (patients may have an interruption in therapy for 14 days should emergency surgery be required).

PK population will be defined as patients with sufficient dosing and PK data to reliably estimate PK parameters as determined by the clinical pharmacologist

DLT population will be a subset of the DLT evaluable subject who completes at least 75% of planned cumulative doses in safety evaluation lead-in part.

The TKI-naïve expansion cohort:

Safety population will be defined as patients who receive at least 1 dose of study drug will be used for all safety analyses.

Full analysis set (FAS) population will be defined as all patients who receive at least 1 dose of study drug.

PK population will be defined as patients with sufficient dosing and PK data to reliably estimate PK parameters as determined by the clinical pharmacologist

Per-protocol (PP) population will be defined as a subset of the FAS population including patients who do not have a major protocol violation listed below:

Subjects who did not meet inclusion criteria #3, #4, #6 or, #10.

- Subjects who met exclusion criteria #1, #9, #10, #11, #13 or, #14.
- Subjects who have violated the following rules specified in section 8.5.
 - Any other systemic anticancer therapy including, but not limited to, chemotherapeutic agents, immunotherapy, biological response modifiers (excluding growth factors), radiotherapy, and/or systemic hormonal therapy (with the exception of local therapies, such as SRS and WBRT, used for palliative or symptomatic control of existing lesions, with appropriate treatment interruption at the discretion of the investigator). Hormonal contraception is allowed.
 - Use of any other investigational drug or device.
 - Extensive surgery requiring in-patient care (patients may have an interruption in therapy for 14 days should emergency surgery be required).

7.3 **Disposition of Subjects**

7.3.1 **Study Information**

Analysis Set: All Subjects Who Signed the Informed Consent Form

Analysis

Variable(s) : Date First Subject Signed Informed Consent Form

Date of Last Subject's Last Visit

MedDRA Version

WHO Drug Version

SAS Version Used for Creating the Datasets

Analytical Method(s):

(1) Study Information Study information shown in the analysis variables section will be provided.

7.3.2 Screen Failures

Analysis Set: All Subjects Who Did Not Enter the Treatment Period

Analysis Variable(s) :

Age (years)

 $[20 \le - \le 65, 65 \le - \le Max]$ [20<= - <50, 50<= - <65, 65<= -<75,75<= - <=Max] [Male, Female]

Gender

	Brigatinib-2001 Statistical Analy	ysis Plan Amendment 6		Page 24 of 83 13 Jul 2021
	Analytical Method(s) :	 Screen Failures Frequency distributions for categoristatistics for continuous variables w 	cal variables and descriptive ill be provided.	Page 24 of 83 <u>13 Jul 2021</u> terms of USE
	7.3.3 Sub	oject Eligibility		DIC
	Analysis Set:	All Subjects Who Signed the Inform	ned Consent Form	
	Analysis		2 PK	
	Variable(s) :	Eligibility Status	[Eligible for Entrance into the Treatment Period, Not Eligible Entrance into the Treatment Period]	
		Primary Reason for Subject Not Being Eligible	[Adverse Event, Death, Lost to Follow-up, Protocol Deviation, Screen Failure, Study Terminate by Sponsor, Withdrawal by Subject, Other]	ed
	Analytical Method(s) :	(1) Eligibility for Entrance into the Frequency distributions will be prov for the primary reasons for subject r ineligible subjects will be used as the	vided. When calculating percentag not being eligible, the total numbe	
		mber of Subjects Who Entered the	-	
	Analysis Set:	All Subjects Who Entered the Treat	ment Period	
	Analysis Variable(s) :	Status of Entrance into the Treatment Period	[Entered]	
	Stratum:	Site	[Site name and number will be u as categories]	ised
Property	Analytical Method(s) :	(1) Number of Subjects Who Enter Frequency distribution will be prove		

Brigatinib-2001 Statistical Analy	ysis Plan Amendment 6	Page 25 of 83 13 Jul 2021
7.3.5 Dis	position of Subjects	tment Period tment Period in the main cohort
Analysis Set:	All Subjects Who Entered the Treat	tment Period
	All Subjects Who Entered the Treat	tment Period in the main cohort
Analysis		\checkmark^{\odot}
Variable(s) :	Subject Status(End of Treatment)	[Completed, Adverse Event, Death, Lost to Follow-up, Progressive Disease, Protocol Deviation, Study Terminated by Sponsor, Symptomatic Deterioration, Withdrawal by Subject, Other, Ongoing]
	Subject Status(Follow-up)	[Death, Lost to Follow-up, Study Terminated by Sponsor, Withdrawal by Subject, Other, Ongoing]
Analytical Method(s) :		ed as the denominator. When ons for discontinuation, the total
7.3.6 Pro	otocol Deviations	
Analysis Set:	All Subjects Who Entered the Treat	tment Period

Analysis Variable(s)

S): Protocol Deviation

[Entry Criteria, Concomitant Medication, Procedure Not Performed Per Protocol(Primary Endpoint or Safety Related), Study Medication, Withdrawal Criteria, Major GCP Violations]

Analytical Method(s) :

(1) Protocol Deviations

Frequency distribution will be provided for each deviation category. A subject who has several deviations will be counted once in each appropriate category. A subject who has several deviations that can be classified into the same category will be counted only once.

Brigatinib-2001 Statistical Anal	ysis Plan Amendment 6	Pag 1.	ge 26 of 83 3 Jul 2021
7.3.7 An	alysis Sets		<u>3 Jul 2021</u>
Analysis Set:	All Subjects Who Entered the Tr	reatment Period	
	All Subjects Who Entered the Tr	reatment Period in the main cohort	- C
	(For the refractory patients)		<u> </u>
	All Subjects Who Entered the Tr lead-in part.(For the refractory p	reatment Period in the safety evaluation	
Analysis Variable(s) :	Handling of Subjects	[Categories are based on Subject Evaluability List]	
	Analysis Sets		
	Full Analysis Set	[Included]	
	Full Analysis Set P (For the refractory patients)	[Included]	
	Per Protocol Set	[Included]	
	Safety Analysis Set	[Included]	
	PK population	[Included]	
	DLT population (For the refractory patients)	[Included]	
Analytical Method(s) :	(1) Subjects Excluded from Ana	alysis Sets	
of Takeda 7.4 Dem Analysis Set:	(2) Analysis Sets For DLT population, frequency subjects in the safety evaluation will be done in overall populatio	distributions will be provided for the lead-in part. For other populations, it n and main cohort. For (1), a subject usion will be counted once in each alysis set. A subject who has several classified into the same category will be	
Ó	For analysis on Full Analysis Se treatment period in the main coh		
7.4 Dem	ographic and Other Baseline Cl	haracteristics	
Analysis Set:	Safety analysis set		
	Full Analysis Set		

Full Analysis Set P(For the refractory patients)

Analysis Variable(s):

Age (years)

Gender

Height (cm)

Weight (kg) at Baseline

Smoking Classification

Stage at Initial Diagnosis

Stage at Screening

Histopathological Classification of NSCLC

Lung involvement at Screening

CNS involvement at Screening

Property of Takeda. Time from Initial Diagnosis to study treatment (months)

ECOG Performance Status

Was the genetic status of ALK in tumor tissue assessed?

ALK mutation method of assessment

FISH-Vysis

FISH-non Vysis

 $[20 \le - \le 65, 65 \le - \le Max]$ [20<= - <50, 50<= - <65, 65<= -<75,75<= - <=Max]

[Male, Female]

[Min<= - <150, 150<= - <160, 160<= - <170, 170<= - <= Max]

[Min<= - <50, 50<= <60, 60<= - <70, 70<= 80<= - <=Max]

The subject has never smoked, The subject is a current smoker, The subject is an ex-smoker]

[IA, IB, IIA, IIB, IIIA, IIIB, IIIC, ↓V, Unknown or not staged]

[IA, IB, IIA, IIB, IIIA, IIIB, IIIC, IV, Unknown or not staged, Refractory, Other]

[Adenocarcinoma, Adenosquamous carcinoma, Large cell, Squamous, Unknown, Other]

[Left Lung, Right Lung, Both Lungs, Lungs not involved]

[Yes, No]

[0, 1, 2, 3, 4]

[Yes, No]

[Yes] [Yes]

Brigatinib-2001 Statistical Analysis Plan Amendment 6	Page 28 of 83 13 Jul 2021
Vysis ALK Break Apart FISH Probe Kit	Page 28 of 83 13 Jul 2021 [Yes] Image: state
Nichirei Histofine RALK iAEP Kit	erms
Ventana ALK (D5F3) CDx Assay	[Yes]
RT-PCR	[Yes]
Sequencing	[Yes]
Unknown	[Yes]
Other	[Yes]
	[Yes]
Was an abnormality detected?	[Yes, No, Unknown]
fusion partner	[EML4, TFG, KIF5B, NPM, Fusion partner unknown, Other fusion partner]
ALK secondary mutation	
T1151Tins	[Yes]
L1152R	[Yes]
ALK secondary mutation T1151Tins L1152R C1156Y I1171T I1171N	[Yes]
I1171T	[Yes]
	[Yes]
I11718	[Yes]
F1074C	[Yes]
F 1174L	[Yes]
V1180L	[Yes]
L1196M	[Yes]
د من L1198F	[Yes]
G1202R	[Yes]
G1202del	[Yes]
D1203N	[Yes]
H11718 F1474C F1174L V1180L L1196M L1198F G1202R G1202del D1203N S1206Y	[Yes]

Brigatinib-2001 Statistical Analy	ysis Plan Amendment 6	Page 29 of 83 13 Jul 2021
	E1210K	[Yes] [Yes] [Yes] [Yes] [Yes, No] [Alectinib only, Crizotinib and Cable
	G1269A	[Yes]
	Unknown	[Yes]
	Other	[Yes]
	Any Anticancer Therapies	[Yes, No]
	Regimen	[Alectinib only, Crizotinib and Alectinib, Crizotinib only, Ceritinib only, Lorlatinib only, Crizotinib and Ceritinib, Alectinib and Ceritinib, Crizotinib and Lorlatinib, Alectinib and Lorlatinib, Ceritinib and Lorlatinib, Other]
	Any Prior Chemo therapy	[Yes, No]
	Any Prior Radiotherapy	[Yes, No]
	Anatomic Site	A OF
	Lung	[Yes]
	Mediastinal Lymph Nodes	[Yes]
	Bone Brain Other	[Yes]
	Brain	[Yes]
	Other	[Yes]
Analytical	, c ^o `	
Method(s) :	(1) Summary of Demographics and Frequency distributions for categor statistics for continuous variables w	ical variables and descriptive
7.5 Med	• ical History and Concurrent Medi	cal Conditions
Analysis Set:	Safety Analysis Set	
Analysis		
Variable(s) :	Medical History	
	Concurrent Medical Conditions	
Analytical		
Method(s) :		

Brigatinib-2001 Statistical Analysis Plan Amendment 6	Page 30 of 83 13 Jul 2021
(2) Concurrent Medical Conditions by System	15 ⁰
Preferred Term Frequency distributions will be provided. Medl used for coding. Summaries will be provided u SOC will be sorted alphabetically and PT will be frequency.	sing SOC and PT, where
A subject with multiple occurrences of medical	history or concurrent

A subject with multiple occurrences of medical history or concurrent medical condition within a SOC will be counted only once in that SOC. A subject with multiple occurrences of medical history or concurrent medical condition within a PT will be counted only once in that PT.

only and subject to 7.6 **Medication History and Concomitant Medications**

Analysis Set: Safety Analysis Set

Analysis

Variable(s): Medication History

Concomitant Medications

Analytical Method(s):

- (1) Medication History by Preferred Medication Name
- (2) Concomitant Medications That Started Prior to and Were Ongoing at Baseline as well as Those That Started After Baseline by Preferred Medication Name

Frequency distributions will be provided. WHO Drug dictionary will be used for coding Summaries will be provided using preferred medication names and sorted in decreasing frequency based on the number of reports. A subject who has been administered several medications with the same preferred medication name will be counted only once for that preferred medication name.

7.7 Study Drug Exposure and Compliance

Analysis Set: Safety Analysis Set

Safety Analysis Set in the main cohort

Analysis Variable(s):

Number of treated cycle

 $[0, 1, 2, 3, 4, 5, 6 \le - \le Max]$

Total amount of doses taken (mg)

Dose intensity (mg/day)

Relative dose intensity (%)

Duration of treatment (month)

Duration of follow-up (month)

Analytical

Method(s):

while the applicable terms of USE (1) Study Drug Exposure and Compliance Frequency distributions for categorical variables and descriptive statistics for continuous variables will be provided.

7.8 **Efficacy Analysis**

7.8.1 **Primary Efficacy Endpoint(s)**

7.8.1.1 Primary Analysis

Analysis Set: Full Analysis Set P(For the refractory patients)

Full Analysis Set (For TKI-naïve Patients)

Analysis

Variable(s): Confirmed ORR as assessed by an IRC(For the refractory patients) PFS as assessed by an IRC (For TKI-naïve Patients)

Analytical Method(s):

The point estimate and its 2-sided 95% confidence interval will be summarized. The point estimate will be calculated by the method suggested by Kunzmann(2017) with weight function of uniform distribution of [0,1], which means that the point estimate will ((x1+x2+1)/49)x100. X1 and x2 represents the number of events at IA for the first 29 patients in the main cohort and the number of events at PA for the last 18 patients in the main cohort, respectively. Property of Takedr

The confidence interval will be done based on the Clopper-Pearson type.

For PFS, the rate at 12 and, 24 months and the associated two-sided 90% confidence intervals with complementary log-log link will also be provided using the Kaplan-Meier method.

Brigatinib-2001 Statistical Analy	ysis Plan Amendment 6	Page 32 of 83 13 Jul 2021
7.8.1.2 Se	condary Analysis	
Analysis Set:	Per Protocol Set(For the refractory patients)	O'
Analysis Variable(s):	Confirmed ORR as assessed by an IRC	Page 32 of 83 13 Jul 2021
Analytical Method(s):	 PFS as assessed by an IRC (For TKI-naïve Patients) The point estimate and its 2-sided 95% confidence interval will summarized. The point estimate will be calculated based on ma likelihood estimation. The confidence interval will be done bas Clopper-Pearson type. For PFS, the rate at 12 and, 24 months and the associated two-sconfidence intervals with complementary log-log link will also provided using the Kaplan-Meier method. 	iximum ed on the sided 90%
	ondary Efficacy Endpoint(s)	
Analysis Set:	Full Analysis Set P(For the refractory patients)	
Analysis Variable(s):	Confirmed ORR as assessed by the investigator	
Analytical Method(s):	The point estimate and its 2-sided 95% confidence interval will summarized. The point estimate will be calculated based on ma likelihood estimation. The confidence interval will be done bas Clopper-Pearson type.	aximum
7.8.2.2 Co	onfirmed ORR by an IRC	
50	Full Analysis Set	
XXX	Full Analysis Set P(For the refractory patients)	
Analysis Variable(s):	Confirmed ORR as assessed by an IRC	

Brigatinib-2001 Statistical Analy	vsis Plan Amendment 6	Page 33 of 83 13 Jul 2021
Analytical Method(s):	The point estimate and its 2-sided 95% confidence interval will be summarized. The point estimate will be calculated based on maximum likelihood estimation. The confidence interval will be done based on Clopper-Pearson type.	
7.8.2.3 Oi	ther assessment by an IRC	3010
Analysis Set:	Full Analysis Set	
	Full Analysis Set P(For the refractory patients)	
	Patients who had measurable CNS metastases in Full Analysis Set	
	Patients who had measurable CNS metastases in Full Analysis Set P	
Analysis Variable(s):	(For the refractory patients) DOR as assessed by an IRC	
	PFS as assessed by an IRC(For the refractory patients)	
	DCR as assessed by an IRC	
	Time to response as assessed by an IRC	
	OS CNS response iORR by an IRC	
	iDOR by an IRC	
	iPFS by an IRC	
	Time to intracranial response as assessed by an IRC	
	Time on treatment	
20	[*] Best response in target lesions	
Analytical Method(s):	For iDOR and DOR, the cumulative incidences and the two-sided 95% confidence intervals will be provided using the Kaplan-Meier method For DOR, Time to response, and Time to intracranial response as assessed by an IRC, summary of descriptive analysis will be provided subjects with confirmed CR or PR. For Time on treatment, the summary of descriptive analysis will be provided and swimmer's plot will be presented.	l.

Brigatinib-2001	Page 34 of 83
Statistical Analysis Plan Amendment 6	<u>13 Jul 2021</u>
For iPFS, PFS, and OS, the rate at 12 and, 24 mon two-sided 95% confidence intervals with complem will also be provided using the Kaplan-Meier meth	nentary log-log link
Especially, for iPFS, considering the progression be assessment as competing risk and only intracranial as event, the cumulative incidence function for ever	progression by IRC

Especially, for iPFS, considering the progression by investigator assessment as competing risk and only intracranial progression by IRC as event, the cumulative incidence function for event will be provided.

Additionally, for the analysis for TKI-naïve patients, the same analysis mentioned above will be performed in Per Protocol Set.

For iORR, DCR, CNS response, the point estimate and its 2-sided 95% confidence interval will be summarized. The point estimate will be calculated based on maximum likelihood estimation. The confidence interval will be done based on the Clopper-Pearson type.

For iDOR and iORR, patients who had measurable CNS metastases in Full Analysis Set or in Full Analysis Set P will be used as analysis set.

For best response in target lesions, summary of descriptive analysis will be provided with a waterfall plot.

7.8.2.4 EORTC QLQ-C30

Analysis Set:	Full Analysis Set in expansion	on part
2	<i>J</i> 1	- I

Full Analysis Set P (For the refractory patients)

Analysis Variable(s):

Property of Takeda

Global health status

Global health status

Functional scales

Physical functioning

Role functioning

Emotional functioning

Cognitive functioning

Social functioning

Symptom scales

Fatigue

Nausea and vomiting

Pain

Dyspnoea

	Insomnia	ple reims
	Appetite loss	(
	Constipation	ms
	Diarrhoea	201
	Financial difficulties	10
Visit:	Cycle 9 Cycle 10 Cycle 11 Cycle 12 Cycle 13 Cycle 14 Cycle 15	~
Analytical Method(s):	Cycle 16, Cycle 17, Cycle 18 Descriptive statistics for observed values for each visit and changes from baseline will be provided. DRTC QLQ-LC13 Full Analysis Set in expansion part	1
7.8.2.5 EC	ORTC QLQ-LC13	
Analysis Set:	Full Analysis Set in expansion part	
Analysis Variable(s): Visit:	Full Analysis Set P(For the refractory patients) Dyspnoea Coughing Haemoptysis Sore mouth Dysphagia Peripheral neuropathy Alopecia Pain in chest Pain in chest Pain in other parts Baseline, Cycle 2, Cycle 3, Cycle 4, Cycle 5, Cycle 6, Cycle 7, Cycle 8, Cycle 9, Cycle 10, Cycle 11, Cycle 12, Cycle 13, Cycle 14, Cycle 15, Cycle 16, Cycle 17, Cycle 18	

Brigatinib-2001 Statistical Anal	ysis Plan Amendment 6	age 36 of 83 <u>13 Jul 2021</u>
Analytical Method(s):	Descriptive statistics for observed values for each visit and changes from baseline will be provided.	n msofuse
7.8.2.6 E	Q-5D-5L	\mathcal{A}^{\otimes}
Analysis Set:	Full Analysis Set in expansion part	010
	Full Analysis Set P(For the refractory patients)	P ²
Analysis Variable(s):	Preserved values for each visit and changes from baseline will be provided. <i>Q-5D-5L</i> Full Analysis Set in expansion part Full Analysis Set P(For the refractory patients) Mobility Selfcare Activity Pain Anxiety EQ_VAS Index Value Baseline, Cycle 2, Cycle 3, Cycle 4, Cycle 5, Cycle 6, Cycle 7, Cycle 8, Second 2000	
	Anxiety	
	EQ VAS	
	Index Value	
Visit:	Baseline, Cycle 2, Cycle 3, Cycle 4, Cycle 5, Cycle 6, Cycle 7, Cycle 8, Cycle 9, Cycle 10, Cycle 11, Cycle 12, Cycle 13, Cycle 14, Cycle 15, Cycle 16, Cycle 17, Cycle 18	
Analytical Method(s):	For categorical variables, frequency distributions for each visit will be provided. And for continuous variables, descriptive statistics for observed values for each visit and changes from baseline will be provided.	
7.8.3 Ad	ditional Efficacy Endpoint(s)	
7.8.3.1	onfirmed ORR by an IRC by the previous ALK inhibitor regimen	
Analysis Set:	Full Analysis Set	
Analysis	Full Analysis Set-P(For the refractory patients)	
Variable(s):	Confirmed ORR as assessed by an IRC (For the refractory patients)	
	PFS as assessed by an IRC (For TKI-naïve Patients)	
Stratified		

Brigatinib-2001 Statistical Anal	ysis Plan Amendment 6	Page 37 of 83 13 Jul 2021
Variable(s):	Age (years)	[20<= - <65, 65<= - <=Max] [Male, Female] [Yes, No] [Alectinib only, Crizotinib and Alectinib, Crizotinib only, Coritinib only, Lorlotinib only,
	Gender	[Male, Female]
	CNS involvement at Screening	[Yes, No]
	Previous ALK Inhibitor Regimen	[Alectinib only, Crizotinib and
	(For the refractory patients)	Alectinib, Crizotinib only, Ceritinib only, Lorlatinib only, Crizotinib and Ceritinib, Alectinib and Ceritinib, Other]
	ALK secondary mutation	[Containing G1202R, Not containing G1202R but containing other, No or unknown somatic mutation]
	Any Prior Chemo Therapy	[Yes, No]
Analytical	5 15	and a
Method(s):		The point estimate will be calculated nation. The confidence interval will
	For PFS, the rate at 12 and, 24 mon confidence intervals with complem provided using the Kaplan-Meier m	
	roportion of patients with event	
Analysis Set:	Full Analysis Set P (For the refract	ory patients)
	Full Analysis Set	
Analysis Variable(s)		
Xeo	Proportion of patients with PFS eve	
& CO.	Proportion of patients with iPFS even	
70 <i>,</i>	Proportion of patients with OS even	
	Proportion of patients with DOR ev	ent

Brigatinib-20 Statistical A	001 nalysis Plan Amendment 6	Page 38 of 83 13 Jul 2021
Analytical Method(s):	The point estimate and its 2-sided 95% confidence interval wil summarized. The confidence interval will be done based on the Pearson type.	6
7.9 Pł	narmacokinetic/Pharmacodynamic Analysis	DIE
7.9.1 I	Pharmacokinetic Analysis	dico
7.9.1.1	Plasma concentrations of brigatinib and AP26123	9.6×
Analysis	et: PK population	
Variable(s)	Plasma concentrations of brigatinib and AP26123	
Time Point	: (Safety Evaluation Lead-in Part)	
	Visit: Cycle 1 Day 1 and Cycle 1 Day 22	
	Predose and 0.5, 1, 2, 4, 6, 8, 12, and 24 hours postdose (relativities of morning dose at Day 1 or 22)	ve to start
	Visit: Cycle 1 Day 8, Cycle 1 Day 15, Cycle 2 Day 1, Cycle 3 Cycle 4 Day 1, Cycle 5 Day D	Day 1,
	Predose (Expansion Part)	
	Visit: Cycle 1 Day 1, Cycle 1 Day 8, and Cycle 1 Day 15	
	Predose and 1-4 hours postdose (relative to start time of morning Day 1, 8, or 15)	ng dose at
	Visit. Cycle 2 Day 1, Cycle 3 Day 1, Cycle 4 Day 1, Cycle 5 D	Day 1
ty of Taked		

Brigatinib-2001 Statistical Anal	l ysis Plan Amendment	t 6		Page 39 of 8 13 Jul 202
Analytical Method(s):	The following sur set.	nmaries will be provid	led for each analyte by analysis	13 Jul 202
	(1) Descriptive sta and maximum point by dose.		d deviation, minimum, median will be provided for each time ometric mean, and	able rer
	(2) Observed valu	ues will be plotted usin	g individual case plot	
	(3) Mean of plasm linear scale.	na concentrations will	be plotted by time point using	
	(4) Mean of plasm common log s		be plotted by time point using	
7.9.1.2 P	lasma PK paramete	ers of brigatinib and A	P26123	
Analysis Set: Analysis	PK population	2	nd	
Variable(s):	Plasma Concentra	ations of brigatinib and	AP26123	
	[Cycle 1 Day 1]	50		
	Cmax	tmax	AUClast	
	AUC24	C24	tlast	
	[Cycle 1 Day 22]	(lo		
	Cmax O	tmax	C24	
	AUC24	AUClast	R(AUC24)	
	R(Cmax)	CL/F	tlast	
Visit:	Cycle 1 Day 1 and	d Cycle 1 Day 22 (Safe	ety Evaluation Lead-in Part)	
Analytica	* F			
Method(s):	The following sur	mmaries will be provid	led for each analyte by visit.	
Method(s):	and maximum geometric mea	n) for PK parameters w	d deviation, minimum, median rill be provided. In addition, , %CV, and geometric %CV w	
		nalysis		

Not applicable

7.10 **Other Outcomes**

7.11 **Safety Analysis**

7.11.1 **Adverse Events**

Overview of Treatment-Emergent Adverse Events 7.11.1.1

Brigatinib-2001 Statistical Analy	IPage 40 oflysis Plan Amendment 613 Jul 20	83 <u>121</u>
7.10 Othe Not applicable	Page 40 of 13 Jul 20 er Outcomes e ty Analysis lverse Events Safety Analysis Set Treatment-emergent adverse event (TEAE) Palationship to Study Drug [Palated Nat Palated]	SOTUSE
7.11 Safet	ety Analysis	m
7.11.1 Adv	lverse Events	
7.11.1.1 O	Overview of Treatment-Emergent Adverse Events	
Analysis Set:	Safety Analysis Set	
Analysis Variable(s) :	Treatment-emergent adverse event (TEAE)	
Categories:	Relationship to Study Drug [Related, Not Related]	
Analytical Method(s) :	The following summaries will be provided.	
	(1) Overview of Treatment-Emergent Adverse Events	
	 All Treatment-Emergent Adverse Events (number of events, number and percentage of subjects) 	
	 Drug-related Treatment-Emergent Adverse Events (number of events, number and percentage of subjects) 	
	 Grade 3 or higher Treatment-Emergent Adverse Events (number of events, number and percentage of subjects) 	
	 Grade 3 or higher Drug-RelatedTreatment-Emergent Adverse Events (number of events, number and percentage of subjects) 	
	5) Treatment-Emergent Adverse Events leading to study drug dose modification (number of events, number and percentage of subjects)	
we do	 6) Treatment-Emergent Adverse Events leading to study drug discontinuation (number of events, number and percentage of subjects) 	
atty of too	 Treatment-Emergent Adverse Events leading to study drug interruptions (number of events, number and percentage of subjects) 	
Property of Takeda	8) Treatment-Emergent Adverse Events leading to study drug reduction (number of events, number and percentage of subjects)	

Statistical Analysis Plan Amendment 6	Page 41 of 83 13 Jul 2021
 Serious Treatment-Emergent Adverse Events (number o events, number and percentage of subjects) 	f nts
10) Drug-Related serious Treatment-Emergent Adverse Eve (number of events, number and percentage of subjects)	nts
11) Treatment-Emergent Adverse Events resulting in death (of events, number and percentage of subjects)	number
12) Drug-RelatedTreatment-Emergent Adverse Events resul death (number of events, number and percentage of subj	
TEAEs will be counted according to the rules below.	X
TEAEs will be counted according to the rules below. Number of subjects	
• Summaries for 2), 9), and 11)	
A subject with occurrences of TEAE in both categories (ie, R and Not Related) will be counted once in the Related category	
• Summary for 3) and 4)	
A subject with multiple occurrences of TEAE will be counted for the TEAE with the maximum grade.	lonce
• Summaries other than 2), 3), 4), 9) and, 11)	
A subject with multiple occurrences of TEAE will be counted once.	l only
Number of events	
For each summary, the total number of events will be calculated.	
7.11.1.2 Frequency of patients with DLTs during Cycle 1 in the safety evaluation	tion lead-in part.
Analysis Set: DLT population (For the refractory patients)	
Analysis Variable(s): Patients with DI Ts during Cycle 1 [Ves No]	
Patients with DL1s during Cycle 1 [1es, No]	
Analytical Method(s) : Frequency distributions for categorical variables will be provided	1.
7.11.1.3 Displays of Treatment-Emergent Adverse Events	
Analysis Set: Safety Analysis Set Analysis	
Variable(s): TEAE	

Brigatinib-2001 Statistical Anal		n Amendment 6		Page 42 of 83 13 Jul 2021
Categories:				, V5°
	Time	of Onset (day)	[1<= - <=28, 29<= - <=56, 57< <=84, 85<= - <=112, 113<= - <=140, 141<= - <=168, 169<= <=Max]	rins
	ILD/	of Onset for Pneumonitis Treatment- gent Adverse Events (day)	<=Max] [1<= - <=14, 15<= - <=Max] rovided using frequency distribut	caple
Analytical Method(s) :	T 1 (N 11 · · · · · · · · · · · · · · · · · ·	N°	
			rovided using frequency distribut	10n.
		Es will be coded using the Me and PT.	dDRA and will be summarized us	sing
	frequ sorte	ency for tables provided by SO	and PT will be sorted in decreasin DC and PT. SOC and PT will be ables provided by System Organ	g
	(1)	Treatment-Emergent Advers Preferred Term	e Events by System Organ Class	and
	(2)	Treatment-Emergent Advers	e Events by System Organ Class	
	(3)	Treatment-Emergent Advers	e Events by Preferred Term	
	(4)	Drug-Related Treatment-Em Organ Class and Preferred T	ergent Adverse Events by System erm	1
	(5)	Grade 3 or higher Treatment Organ Class and Preferred T	-Emergent Adverse Events by Sy erm	stem
*	(6)	Grade 3 or higher Drug-Rela Events by System Organ Cla	ted Treatment-Emergent Adverse ss, and Preferred Term	
reda	*(7)	Treatment-Emergent Advers modification by System Orga	e Events Leading to study drug an Class and Preferred Term	
ortakeda	(8)	0	ergent Adverse Events Leading to System Organ Class and Preferred	
. 3	(9)	-	e Events leading to study drug do rgan Class and Preferred Term	se
	(10)	-	ergent Adverse Events Leading to y System Organ Class and Prefer	

Brigatinib-2001 <u>Statistical Analysis Pla</u>	n Amendment 6	Page 43 of 83 13 Jul 2021
	Term	6
(11)	Treatment-Emergent Adverse Events leading to study drug interruptions by System Organ Class and Preferred Term	uns of
(12)	Drug-Related Treatment-Emergent Adverse Events Leading to study drug interruptions by System Organ Class and Preferred Term	
(13)	Treatment-Emergent Adverse Events leading to study drug reduction by System Organ Class and Preferred Term	IC'O.
(14)	Drug-Related Treatment-Emergent Adverse Events Leading t study drug reduction by System Organ Class and Preferred Te	
(15)	Serious Treatment-Emergent Adverse Events by System Orga Class and Preferred Term	an
(16)	Drug-Related Serious Treatment-Emergent Adverse Events b System Organ Class and Preferred Term	у
(17)	Treatment-Emergent Adverse Events resulting in death by Sy Organ Class and Preferred Term	stem
(18)	Drug-Related Treatment-Emergent Adverse Events resulting death by System Organ Class and Preferred Term	in
(19)	Treatment-Emergent Adverse Events by System Organ Class Preferred Term Over Time	and
(20)	ILD/Pneumonitis Treatment-Emergent Adverse Events by Sy Organ Class and Preferred Term	rstem
(21)	ILD/Pneumonitis Treatment-Emergent Adverse Events by Sy Organ Class and Preferred Term Over Time	stem
(22)	ED/Pneumonitis Drug-Related Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	2
(23)	ILD/Pneumonitis Grade 3 or higher Treatment-Emergent Adv Events by System Organ Class and Preferred Term	/erse
(22) (23) (24) (24) (25) (26)	ILD/Pneumonitis Grade 3 or higher Drug-Related Treatment- Emergent Adverse Events by System Organ Class and Preferr Term	
(25)	ILD/Pneumonitis serious Treatment-Emergent Adverse Even System Organ Class and Preferred Term	ts by
(26)	ILD/Pneumonitis serious Drug-Related Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	

Brigatinib-2001 Statistical Analysis Pla	n Amendment 6	Page 44 of 83 13 Jul 2021
(27)	ILD/Pneumonitis Grade 3 or higher serious Treatment-Emerge Adverse Events by System Organ Class and Preferred Term	nt S
(28)	ILD/Pneumonitis Grade 3 or higher serious Drug-Related Treatment-Emergent Adverse Events by System Organ Class a Preferred Term	nd refins
(29)	ILD/Pneumonitis Treatment-Emergent Adverse Events leading study drug discontinuation by System Organ Class and Preferr Term	; to
(30)	ILD/Pneumonitis Treatment-Emergent Adverse Events leading study drug interruptions by System Organ Class and Preferred Term	g to
(31)	ILD/Pneumonitis Treatment-Emergent Adverse Events leading study drug reduction by System Organ Class and Preferred Ter	F
(32)	ILD/Pneumonitis Treatment-Emergent Adverse Events resultir in death by System Organ Class and Preferred Term	ıg
(33)	ILD/Pneumonitis Drug-Related Treatment-Emergent Adverse Events resulting in death by System Organ Class and Preferred Term	l
(34)	Hypertension Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	
(35)	Hypertension Drug-Related Treatment-Emergent Adverse Eve by System Organ Class and Preferred Term	nts
(36)	Hypertension Grade 3 or higher Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	
(37)	Hypertension Drug-Related Grade 3 or higher Treatment- Emergent Adverse Events by System Organ Class and Preferre Term	ed
(38)	Hypertension serious Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	
× 3× (39)	Hypertension serious Drug-Related Treatment-Emergent Adve Events by System Organ Class and Preferred Term	rse
(40)	Hypertension Grade 3 or higher serious Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	
$\begin{array}{c} (37)\\ \textbf{F}_{\text{color}} (38)\\ (39)\\ (40)\\ (41)\end{array}$	Hypertension Grade 3 or higher serious Drug-Related Treatme Emergent Adverse Events by System Organ Class and Preferre Term	

Brigatinib-2001 Statistical Analysis Plan	n Amendment 6	Page 45 of 83 13 Jul 2021
(42)	Hypertension Treatment-Emergent Adverse Events leading to study drug discontinuation by System Organ Class and Preferre Term	adle
(43)	Hypertension Treatment-Emergent Adverse Events leading to study drug interruptions by System Organ Class and Preferred Term	ble tern.
(44)	Hypertension Treatment-Emergent Adverse Events leading to study drug reduction by System Organ Class and Preferred Terr	
(45)	Hypertension Treatment-Emergent Adverse Events resulting in death by System Organ Class and Preferred Term	
(46)	Hypertension Drug-Related Treatment-Emergent Adverse Ever resulting in death by System Organ Class and Preferred Term	nts
(47)	Bradycardia Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	
(48)	Bradycardia Drug-Related Treatment-Emergent Adverse Event by System Organ Class and Preferred Term	S
(49)	Bradycardia Grade 3 or higher Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	
(50)	Bradycardia Drug-Related Grade 3 or higher Treatment-Emerg Adverse Events by System Organ Class and Preferred Term	ent
(51)	Bradycardia serious Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	
(52)	Bradycardia serious Drug-Related Treatment-Emergent Advers Events by System Organ Class and Preferred Term	e
(53)	Bradycardia Grade 3 or higher serious Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	
(55) (54) (55) (56) (57)	Bradycardia Grade 3 or higher serious Drug-Related Treatment Emergent Adverse Events by System Organ Class and Preferred Term	
(55)	Bradycardia Treatment-Emergent Adverse Events leading to studrug discontinuation by System Organ Class and Preferred Terr	5
(56)	Bradycardia Treatment-Emergent Adverse Events leading to studrug interruptions by System Organ Class and Preferred Term	udy
2K0P (57)	Bradycardia Treatment-Emergent Adverse Events leading to studrug reduction by System Organ Class and Preferred Term	udy
(58)	Bradycardia Treatment-Emergent Adverse Events resulting in	

Brigatinib-2001 Statistical Analysis Pla	n Amendment 6	Page 46 of 83 13 Jul 2021
	death by System Organ Class and Preferred Term	~ V50
(59)	Bradycardia Drug-Related Treatment-Emergent Adverse Event resulting in death by System Organ Class and Preferred Term	is refined
(60)	GI Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	ss col
(61)	GI Drug-Related Treatment-Emergent Adverse Events by Syste Organ Class and Preferred Term	em
(62)	GI Grade 3 or higher Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	
(63)	GI Drug-Related Grade 3 or higher Treatment-Emergent Adver Events by System Organ Class and Preferred Term	rse
(64)	GI serious Treatment-Emergent Adverse Events by System Org Class and Preferred Term	gan
(65)	GI serious Drug-Related Treatment-Emergent Adverse Events System Organ Class and Preferred Term	by
(66)	GI Grade 3 or higher serious Treatment-Emergent Adverse Eve by System Organ Class and Preferred Term	ents
(67)	GI Grade 3 or higher serious Drug-Related Treatment-Emerger Adverse Events by System Organ Class and Preferred Term	nt
(68)	GI Treatment-Emergent Adverse Events leading to study drug discontinuation by System Organ Class and Preferred Term	
(69)	GI Treatment-Emergent Adverse Events leading to study drug interruptions by System Organ Class and Preferred Term	
(70)	GI Treatment-Emergent Adverse Events leading to study drug reduction by System Organ Class and Preferred Term	
(71)	GI Treatment-Emergent Adverse Events resulting in death by System Organ Class and Preferred Term	
(72)	GI Drug-Related Treatment-Emergent Adverse Events resulting death by System Organ Class and Preferred Term	g in
(73)	Pancreatic Treatment-Emergent Adverse Events by System Org Class and Preferred Term	gan
$\begin{array}{c} (71)\\ (72)\\ (73)\\ (73)\\ (74)\\ (75)\end{array}$	Pancreatic Drug-Related Treatment-Emergent Adverse Events System Organ Class and Preferred Term	by
<i>Q</i>⁽⁰⁾ (75)	Pancreatic Grade 3 or higher Treatment-Emergent Adverse Eve by System Organ Class and Preferred Term	ents

Statistical Analysis Pla	n Amendment 6	Page 47 of 83 13 Jul 2021
(76)	Pancreatic Drug-Related Grade 3 or higher Treatment-Emerger Adverse Events by System Organ Class and Preferred Term	13 Jul 2021
(77)	Pancreatic serious Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	erm
(78)	Pancreatic serious Drug-Related Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	1018
(79)	Pancreatic Grade 3 or higher serious Treatment-Emergent Adverse by System Organ Class and Preferred Term	
(80)	Pancreatic Grade 3 or higher serious Drug-Related Treatment- Emergent Adverse Events by System Organ Class and Preferre Term	d
(81)	Pancreatic Treatment-Emergent Adverse Events leading to stud drug discontinuation by System Organ Class and Preferred Terr	
(82)	Pancreatic Treatment-Emergent Adverse Events leading to stud drug interruptions by System Organ Class and Preferred Term	ly
(83)	Pancreatic Treatment-Emergent Adverse Events leading to stud drug reduction by System Organ Class and Preferred Term	ly
(84)	Pancreatic Treatment-Emergent Adverse Events resulting in de by System Organ Class and Preferred Term	ath
(85)	Pancreatic Drug-Related Treatment-Emergent Adverse Events resulting in death by System Organ Class and Preferred Term	
(86)	Increased Insulin/Hyperglycemia Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	;
(87)	Increased Insulin/Hyperglycemia Drug-Related Treatment- Emergent Adverse Events by System Organ Class and Preferre Term	d
(88)	Increased Insulin/Hyperglycemia Grade 3 or higher Treatment- Emergent Adverse Events by System Organ Class and Preferrer Term	
(89) (90) (91)	Increased Insulin/Hyperglycemia Drug-Related Grade 3 or high Treatment-Emergent Adverse Events by System Organ Class as Preferred Term	
(90)	Increased Insulin/Hyperglycemia serious Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	
(91)	Increased Insulin/Hyperglycemia serious Drug-Related Treatme	ent-

Brigatinib-2001 <u>Statistical Analysis Pla</u>	n Amendment 6	Page 48 of 83 13 Jul 2021
	Term	50°
(92)	Increased Insulin/Hyperglycemia Grade 3 or higher serious Treatment-Emergent Adverse Events by System Organ Class a Preferred Term	ind terms of USE
(93)	Increased Insulin/Hyperglycemia Grade 3 or higher serious Dr Related Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	
(94)	Increased Insulin/Hyperglycemia Treatment-Emergent Adverse Events leading to study drug discontinuation by System Organ Class and Preferred Term	
(95)	Increased Insulin/Hyperglycemia Treatment-Emergent Adverse Events leading to study drug interruptions by System Organ Cl and Preferred Term	
(96)	Increased Insulin/Hyperglycemia Treatment-Emergent Adverse Events leading to study drug reduction by System Organ Class Preferred Term	
(97)	Increased Insulin/Hyperglycemia Treatment-Emergent Adverse Events resulting in death by System Organ Class and Preferred Term	
(98)	Increased Insulin/Hyperglycemia Drug-Related Treatment- Emergent Adverse Events resulting in death by System Organ Class and Preferred Term	
(99)	Hepatic Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	n
(100)	Hepatic Drug-Related Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	,
	Hepatic Grade 3 or higher Treatment-Emergent Adverse Event by System Organ Class and Preferred Term	'S
(102)	Hepatic Drug-Related Grade 3 or higher Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	
Property (102) (103) (104) (105)	Hepatic serious Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	m
00erth) (104)	Hepatic serious Drug-Related Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	
<i>Q</i>^(O) (105)	Hepatic Grade 3 or higher serious Treatment-Emergent Advers Events by System Organ Class and Preferred Term	se

Brigatinib-2001 Statistical Analysis Plan Amendment 6	Page 49 of 83 13 Jul 2021
(106) Hepatic Grade 3 or higher serious Drug-Related Treatment- Emergent Adverse Events by System Organ Class and Preferre Term	m ternsot
(107) Hepatic Treatment-Emergent Adverse Events leading to study drug discontinuation by System Organ Class and Preferred Ter	m
(108) Hepatic Treatment-Emergent Adverse Events leading to study drug interruptions by System Organ Class and Preferred Term	2010
(109) Hepatic Treatment-Emergent Adverse Events leading to study drug reduction by System Organ Class and Preferred Term	
(110) Hepatic Treatment-Emergent Adverse Events resulting in death System Organ Class and Preferred Term	ı by
(111) Hepatic Drug-Related Treatment-Emergent Adverse Events resulting in death by System Organ Class and Preferred Term	
(112) Elevated CPK Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	I
(113) Elevated CPK Drug-Related Treatment-Emergent Adverse Eve by System Organ Class and Preferred Term	ents
(114) Elevated CPK Grade 3 or higher Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	:
(115) Elevated CPK Drug-Related Grade 3 or higher Treatment- Emergent Adverse Events by System Organ Class and Preferre Term	d
(116) Elevated CPK serious Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	
(117) Elevated CPK serious Drug-Related Treatment-Emergent Adve Events by System Organ Class and Preferred Term	erse
(118) Elevated CPK Grade 3 or higher serious Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	
(119) Elevated CPK Grade 3 or higher serious Drug-Related Treatme Emergent Adverse Events by System Organ Class and Preferre Term	
 (118) Elevated CPK Grade 3 or higher serious Treatment-Emergent Adverse Events by System Organ Class and Preferred Term (119) Elevated CPK Grade 3 or higher serious Drug-Related Treatment Emergent Adverse Events by System Organ Class and Preferre Term (120) Elevated CPK Treatment-Emergent Adverse Events leading to study drug discontinuation by System Organ Class and Preferre Term (121) Elevated CPK Treatment-Emergent Adverse Events leading to 	
(121) Elevated CPK Treatment-Emergent Adverse Events leading to study drug interruptions by System Organ Class and Preferred	

Term

(122)	Elevated CPK Treatment-Emergent Adverse Events leading to
	study drug reduction by System Organ Class and Preferred Term

- (123) Elevated CPK Treatment-Emergent Adverse Events resulting in death by System Organ Class and Preferred Term
- (124) Elevated CPK Drug-Related Treatment-Emergent Adverse Events resulting in death by System Organ Class and Preferred Term
- (125) Visual Impairment Treatment-Emergent Adverse Events by System Organ Class and Preferred Term
- (126) Visual Impairment Drug-Related Treatment-Emergent Adverse Events by System Organ Class and Preferred Term
- (127) Visual Impairment Grade 3 or higher Treatment-Emergent Adverse Events by System Organ Class and Preferred Term
- (128) Visual Impairment Drug-Related Grade 3 or higher Treatment-Emergent Adverse Events by System Organ Class and Preferred Term
- (129) Visual Impairment serious Treatment-Emergent Adverse Events by System Organ Class and Preferred Term
- (130) Visual Impairment serious Drug-Related Treatment-Emergent Adverse Events by System Organ Class and Preferred Term
- (131) Visual Impairment Grade 3 or higher serious Treatment-Emergent Adverse Events by System Organ Class and Preferred Term
- (132) Visual Impairment Grade 3 or higher serious Drug-Related Treatment-Emergent Adverse Events by System Organ Class and Preferred Term
- (133)Visual Impairment Treatment-Emergent Adverse Events leading to study drug discontinuation by System Organ Class and Preferred Term
- (134) Visual Impairment Treatment-Emergent Adverse Events leading to study drug interruptions by System Organ Class and Preferred Term
- Property of Takeda. (135) Visual Impairment Treatment-Emergent Adverse Events leading to study drug reduction by System Organ Class and Preferred Term
 - (136) Muscle Toxicity Treatment-Emergent Adverse Events by System Organ Class and Preferred Term

Brigatinib-2001 Statistical Analysis Plan Amendment 6	Page 51 of 83 <u>13 Jul 2021</u>
(137) Muscle Toxicity Drug-Related Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	se terns of USE
(138) Muscle Toxicity Grade 3 or higher Treatment-Emergent Adver Events by System Organ Class and Preferred Term	se erns
(139) Muscle Toxicity Drug-Related Grade 3 or higher Treatment- Emergent Adverse Events by System Organ Class and Preferre Term	d ole
(140) Muscle Toxicity serious Treatment-Emergent Adverse Events I System Organ Class and Preferred Term	ру
(141) Muscle Toxicity serious Drug-Related Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	
(142) Muscle Toxicity Grade 3 or higher serious Treatment-Emergen Adverse Events by System Organ Class and Preferred Term	t
(143) Muscle Toxicity Grade 3 or higher serious Drug-Related Treatment-Emergent Adverse Events by System Organ Class as Preferred Term	nd
(144) Muscle Toxicity Treatment-Emergent Adverse Events leading study drug discontinuation by System Organ Class and Preferre Term	
(145) Muscle Toxicity Treatment-Emergent Adverse Events leading study drug interruptions by System Organ Class and Preferred Term	to
(146) Muscle Toxicity Treatment-Emergent Adverse Events leading study drug reduction by System Organ Class and Preferred Ter	
(147) Peripheral Neuropathy Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	7
(148) Peripheral Neuropathy Drug-Related Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	
(149) Peripheral Neuropathy Grade 3 or higher Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	
 (148) Peripheral Neuropathy Drug-Related Treatment-Emergent Adverse Events by System Organ Class and Preferred Term (149) Peripheral Neuropathy Grade 3 or higher Treatment-Emergent Adverse Events by System Organ Class and Preferred Term (150) Peripheral Neuropathy Drug-Related Grade 3 or higher Treatment-Emergent Adverse Events by System Organ Class and Preferred Term (151) Peripheral Neuropathy serious Treatment-Emergent Adverse Events by System Organ Class and Preferred Term 	nd
(151) Peripheral Neuropathy serious Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	
(152) Peripheral Neuropathy serious Drug-Related Treatment-Emerg	ent

Statistical Analysis Plan	Amendment 6	13 Jul 2021
	Adverse Events by System Organ Class and Preferred Term	. S ⁹
	Peripheral Neuropathy Grade 3 or higher serious Treatment- Emergent Adverse Events by System Organ Class and Preferred Term	<u>13 Jul 2021</u>
	Peripheral Neuropathy Grade 3 or higher serious Drug-Related Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	dole
	Peripheral Neuropathy Treatment-Emergent Adverse Events leading to study drug discontinuation by System Organ Class and Preferred Term	d
	Peripheral Neuropathy Treatment-Emergent Adverse Events leading to study drug interruptions by System Organ Class and Preferred Term	
	Peripheral Neuropathy Treatment-Emergent Adverse Events leading to study drug reduction by System Organ Class and Preferred Term	
× /	Skin and Subcutaneous Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	
× /	Skin and Subcutaneous Drug-Related Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	
	Skin and Subcutaneous Grade 3 or higher Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	
(161)	Skin and Subcutaneous Drug-Related Grade 3 or higher Treatment-Emergent Adverse Events by System Organ Class and Preferred Term Skin and Subcutaneous serious Treatment-Emergent Adverse Events by System Organ Class and Preferred Term Skin and Subcutaneous serious Drug-Related Treatment-Emerge Adverse Events by System Organ Class and Preferred Term Skin and Subcutaneous Grade 3 or higher serious Treatment- Emergent Adverse Events by System Organ Class and Preferred Term Skin and Subcutaneous Grade 3 or higher serious Drug-Related Treatment-Emergent Adverse Events by System Organ Class and Preferred Skin and Subcutaneous Grade 3 or higher serious Drug-Related Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	d
(162)	Skin and Subcutaneous serious Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	
(163)	Skin and Subcutaneous serious Drug-Related Treatment-Emerge Adverse Events by System Organ Class and Preferred Term	nt
(164)	Skin and Subcutaneous Grade 3 or higher serious Treatment- Emergent Adverse Events by System Organ Class and Preferred Term	
oroperty (165)	Skin and Subcutaneous Grade 3 or higher serious Drug-Related Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	d
	Skin and Subcutaneous Treatment-Emergent Adverse Events leading to study drug discontinuation by System Organ Class and	

Page 52 of 83

Brigatinib-2001

Brigatinib-2001 Statistical Analysis Plan Amendment 6	Page 53 of 83 13 Jul 2021
Preferred Term	, V ⁵⁶
(167) Skin and Subcutaneous Treatment-Emergen leading to study drug interruptions by System Preferred Term	
(168) Skin and Subcutaneous Treatment-Emergen leading to study drug reduction by System C Preferred Term	

(168) Skin and Subcutaneous Treatment-Emergent Adverse Events leading to study drug reduction by System Organ Class and Preferred Term

- (169) Photosensitivity Treatment-Emergent Adverse Events by System Organ Class and Preferred Term
- (170) Photosensitivity Drug-Related Treatment-Emergent Adverse Events by System Organ Class and Preferred Term
- (171) Photosensitivity Grade 3 or higher Treatment-Emergent Adverse Events by System Organ Class and Preferred Term
- (172) Photosensitivity Drug-Related Grade 3 or higher Treatment-Emergent Adverse Events by System Organ Class and Preferred Term
- (173) Photosensitivity serious Treatment-Emergent Adverse Events by System Organ Class and Preferred Term
- (174) Photosensitivity serious Drug-Related Treatment-Emergent Adverse Events by System Organ Class and Preferred Term
- (175) Photosensitivity Grade 3 or higher serious Treatment-Emergent Adverse Events by System Organ Class and Preferred Term
- (176) Photosensitivity Grade 3 or higher serious Drug-Related Treatment-Emergent Adverse Events by System Organ Class and Preferred Term
- (177) Photosensitivity Treatment-Emergent Adverse Events leading to study drug discontinuation by System Organ Class and Preferred Term
- (178) Photosensitivity Treatment-Emergent Adverse Events leading to study drug interruptions by System Organ Class and Preferred Term
- (179) Photosensitivity Treatment-Emergent Adverse Events leading to study drug reduction by System Organ Class and Preferred Term
- (180) Most commonly reported Treatment-Emergent Adverse Events by System Organ Class and Preferred Term
- Property of Takeda. (181) Most commonly reported Grade 3 or higher Treatment-Emergent

Brigatinib-2001 Statistical Analysis	Plan Amendment 6	Page 54 of 83 13 Jul 2021
	Adverse Events by System Organ Class and Preferred Term	. V50
(18	82) Most commonly reported Non-Serious Treatment-Emergent Adverse Events by System Organ Class and Preferred Term	low. Counso
Th	he frequency distribution will be provided according to the rules be	low.
<u>Nı</u>	umber of subjects	
•	Summary tables other than the CTCAE grade, (19), and (21)	321
	A subject with multiple occurrences of TEAE within a SOC will counted only once in that SOC. A subject with multiple occurrence of TEAE within a PT will be counted only once in that PT. Percentages will be based on the number of subjects in the safety analysis set.	
•	Summary tables for the CTCAE grade	
	A subject with multiple occurrences of TEAE within a SOC or a will be counted only once for the TEAE with the maximum intens Percentages will be based on the number of subjects in the safety analysis set.	
•	Summary table for (19) and (21)	
	A subject with a TEAE that occurs in more than one interval is counted in all the intervals that the TEAE occurs. For each time interval, a subject with multiple occurrences of TEAE within a SO or a PT will be counted only once in that SOC or PT. When calculating percentages for each time interval, the number subjects at risk (ie, subjects who either have an exposure or have	of an val) nset
	Summary table for (180) and (181)	
x atedio	Most commonly reported TEAEs refer to PTs whose percentages at least 10.0% in any one of the treatment groups.	are
•	Summary table for (182)	
operty of Takeda.	Most commonly reported Non-Serious TEAEs refer to PTs whose percentages are at least 5.0% in any one of the treatment groups. In no Non-Serious TEAEs exceed a frequency of 5.0%, the frequence cutoff of 2.0% will be used instead. Percentages will be based on number of subjects in the safety analysis set.	lf ¢y

Brigatinib-20 Statistical Ar	D01Page 55 ofnalysis Plan Amendment 613 Jul 2
7.11.1.4	<i>Time to Onset and the Duration of Special Interest Treatment-Emergent Adverse Events</i>
Analysis Se	et: Safety Analysis Set
Analysis Variable(s)	Page 55 or 13 Jul 2 Time to Onset and the Duration of Special Interest Treatment-Emergent Adverse Events et: Safety Analysis Set : Time to initial onset of ILD/Pneumonitis Time to initial onset of Bradycardia Even Time to initial onset of Hypertension Eve Time to initial onset of GI Events Time to initial onset of Pancreatic Events Time to initial onset of Increased Insulin/Hyperglycemia Events
	Time to initial onset of Bradycardia Even
	Time to initial onset of Hypertension Eve
	Time to initial onset of GI Events
	Time to initial onset of Pancreatic Events
	Time to initial onset of Increased Insulin/Hyperglycemia Events
	Time to initial onset of Hepatic Events
	Time to initial onset of Elevated CPK Events
	Time to initial onset of Visual Impairment Events
	Time to initial onset of Muscle Toxicity Events
	Time to initial onset of Peripheral Neuropathy Events
	Time to initial onset of Skin and Subcutaneous Events
	Time to initial onset of Photosensitivity Events
Analytical Method(s) :	For each variable, descriptive statistics will be provided.
7.11.1.5	Displays of Pretreatment Events
Analysis Se	et: All Subjects Who Signed the Informed Consent Form
Analysis Variable(s)	Pretreatment event (PTE)
Analytical Method(s) :	The following summaries will be provided using frequency distribution.
Method(s) :	PTEs will be coded using the MedDRA and will be summarized using SOC and PT. SOC will be sorted alphabetically and PT will be sorted in decreasing frequency.
	(1) Pretreatment Events by System Organ Class and Preferred Term
	(2) Serious Pretreatment Events by System Organ Class and Preferred

Brigatinib-2001 Statistical Anal	ysis Plan Amendment 6		I	Page 56 of 83 13 Jul 2021
	Term			, VSE
	The frequency distribut	ion will be provided acco	rding to the rules below	<i>w</i> .
	Number of subjects			rms
	counted only once in that	occurrences of PTE with at SOC. A subject with m e counted only once in the	ultiple occurrences of	<u>13 Jul 2021</u> W. ADIE
7.11.2 Cli	nical Laboratory Evalu	ations	applit.	
7.11.2.1 Н	ematology and Serum Ch	emistry	NO OT	
Analysis Set:	Safety Analysis Set		×O	
Analysis Variable(s) :	Hematology		Ne ^{Ct}	
	Hematocrit	Platelet count	Hemoglobin	
	White blood cell count v lymphocytes, monocyte	with differential (ANC, b s)	asophils, eosinophils,	
	Serum Chemistry	01.		
	Albumin	Alkaline phosphatase (ALP)	Amylase	
	ALT NOTO	AST	Blood urea nitrogen (BUN)	
	Calcium	Creatine Phosphokinase (CPK)	Bicarbonate (or total carbon dioxide)	
	Chloride	Creatinine	Glucose (fasted)	
*	Lactate dehydrogenase (LDH)	C-reactive protein (CRP)	Magnesium	
20	Phosphorus	Potassium	Sodium	
X	Bilirubin (total bilirubin	, conjugated and unconju	igated bilirubin)	
A C	Protein (total protein)	Uric acid	HbA1c	
Property Visit:	Insulin	Testosterone (Male Patients Only)	Lipase	
RION Visit:	Baseline, Cycle 1 Day 1 Cycle 7, Cycle 8, Cycle Cycle 14, Cycle 15, Cyc	5, Cycle 2, Cycle 3, Cyc 9, Cycle 10, Cycle 11, C cle 16, Cycle 17, Cycle 1	ycle 12, Cycle 13,	

Brigatinib-2001 Statistical Analy	ysis Plan Amendment 6	Pa 1
	Testosterone)	
	Baseline, Cycle 4, Cycle 7, Cycle 10, Cycle 13, Cycle 16 (HbA1c)	
	Baseline, Cycle 2, Cycle 3, Cycle 4, Cycle 5, Cycle 6, Cycle 7, Cycle Cycle 9, Cycle 10, Cycle 11, Cycle 12, Cycle 13, Cycle 14, Cycle 15	

Analytical

Method(s): For each variable, summaries (1) to (2) will be provided.

Cycle 16, Cycle 17, Cycle 18 (Testosterone)

For applicable variables, summaries (3) will be provided.

applicable terms of Use applicable terms of Use (1) Summary of Laboratory Test Results and Change from Baseline by Visit Descriptive statistics for observed values for each visit and changes from baseline will be provided.

Page 57 of 83

- (2) Case Plots Plots Over Time for each subject will be presented.
- (3) Summary of Shifts of Laboratory Test Results Shift tables will be generated showing changes in NCI CTCAE grade from baseline to the worst postbaseline value.

7.11.3 Vital Signs

- Vital Signs and Weight 7.11.3.1
- Analysis Set: Safety Analysis Se

Analysis

Variable(s) : Systolic Blood Pressure

Diastolic Blood Pressure

Pulse

[•]Respiratory rate

SpO2

Body temperature

Weight

Visit:

Baseline, Cycle 1 Day8, Day 15, Cycle 2, Cycle 3, Cycle 4, Cycle 5, Cycle 6, Cycle 7, Cycle 8, Cycle 9, Cycle 10, Cycle 11, Cycle 12, Cycle 13, Cycle 14, Cycle 15, Cycle 16, Cycle 17, Cycle 18

Analytical

Brigatinib-2001 Statistical Analy	rsis Plan Amendment 6	Page 58 of 83 13 Jul 2021
Method(s) :	For each variable, summaries (1) to (3) will be provided.	, VSC
	For applicable variables, summaries (4) will be provided.	Ő
	 Summary of Vital Signs Parameters and Change from Baseline Visit Descriptive statistics for observed values for each visit and chan from baseline will be provided. 	
	(2) Case Plots Plots over time for each subject will be presented.	nges
	(3) Summary of Shifts of Vital Signs Parameters Shift tables will be generated showing changes in NCICTCAE grade from baseline to the worst postbaseline value	
7.11.4 12-]	Lead ECGs Safety Analysis Set	
Analysis Set:	Safety Analysis Set	
Analysis		
Variable(s) :	12-Lead ECG Interpretation [Within Normal Limits, Abnormal bu Clinically Significant, Abnormal and Clinically Significant] QT Interval	
	QT Interval	
	QTcF Interval	
Visit:	Baseline, Cycle 2, Cycle 3, Cycle 4, Cycle 5, Cycle 6, Cycle 7, Cyc Cycle 9, Cycle 10, Cycle 11, Cycle 12, Cycle 13, Cycle 14, Cycle 1 Cycle 16, Cycle 17, Cycle 18	
Analytical Method(s) :	For each variable other than 12-lead ECG interpretations, summarie and (2) will be provided.	es (1)
1	For applicable variables, summary (3) will be provided.	
Leon	For 12-lead ECG interpretation, summary (4) will be provided.	
Nortakeda	(1) Summary of ECG Parameters and Change from Baseline by Vi Descriptive statistics for observed values and changes from bas will be provided for each visit.	
	(2) Case PlotsPlots over time for each subject will be presented.	
	(3) Number and Percentage of Subjects with Markedly Abnormal Values of ECG Parameters	

to the applicable terms of Use Overall frequency distributions of MAV during treatment period will be provided. If an ECG laboratory parameter has both lower and upper MAV criteria, analysis will be performed for each. Further details are given in Appendix.

(4) Summary of Shift of 12-lead ECG Interpretation Shift table showing the number of subjects in each category at baseline and each post-baseline visit will be provided.

7.11.5 **Other Observations Related to Safety**

Not applicable

7.12 **Interim Analysis**

In this study, a 2-stage design will be used. An interim analysis for both futility and efficacy will be conducted in Stage 1, according to H1-minimax design in Englert. The proportion of patients achieving a confirmed objective response, per IRC, will be used as the endpoint for the interim analysis. The interim analysis will be performed with the first 29 patients in the main cohort of the expansion part at the cycle 6 after entry of the 29th patient. Enrollment will not be suspended during evaluation of these 29 patients; however, patients enrolled after the 29th patient in the main cohort of the expansion part will not be included in the interim analysis even if their ORR results were available on the cutoff date. .0

If the number of patients with confirmed ORR is 3 or fewer of the 29 patients, enrollment will be stopped entirely for futility. Additionally, if the number of patients with confirmed ORR is 10 or more of the 29 patients, it will be decided that brigatinib has demonstrated sufficient efficacy to reject the null hypothesis and declare superiority to the uninteresting ORR of 15% but the result at the timing of primary analysis will be interpreted descriptively. Otherwise, the study will continue until the 47 patients have had the opportunity to complete the Cycle 6 disease assessment. For the primary analysis, if the number of patients with confirmed ORR at the primary analysis is more than the number determined by the number at the interim analysis mentioned in Table 7.b, it will be decided that brigatinib has demonstrated sufficient efficacy to reject the null s. Ot sed. a. property of takeda hypothesis. Of note, for the first 29 patients, their efficacy evaluation at the interim analysis were

No. ORR at Interim Analysis	No. ORR at Primary Analysis	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
4/29	13/47	all.
5/29	13/47	<u> </u>
6/29	13/47	0
7/29	13/47	
8/29	13/47	ilos
9/29	12/47	04

 Table 7.b
 Minimum Number of Confirmed ORR at the Primary Analysis

An IDMC will be formed. The IDMC will provide recommendation on the go/no go decision to move from the safety evaluation lead-in part to the expansion part, and on the futility and efficacy assessments performed at the interim analysis.

Furthermore for the publishment, the analysis only in safety lead-in part will be performed when all patients in safety lead-in part have had the oppotunity to complet the cycle 6.

7.12.1 Analysis plan at the Interim Analysis

The analysis plan at interim analysis is based on this document except the following things.

- 1. The definition of FAS-P is a subset of the FAS population consisting of first 29 patients in the main cohort of the expansion part.
- 2. The point estimate mentioned in section 7.8.1.1 will be calculated based on the maximum likelihood estimation.
- 3. The interim analysis will be done for the all subjects who enroll the study until first 29 patients in the main cohort of the expansion part enroll the study.

7.12.2 Analysis plan in safety lead-in part

The analysis plan will be done as follows in 9 patients in safety lead-in part instead of analysis population specified in SAP.

- 1. Same analysis as section 7.4, 7.7, 7.8.1.2, 7.8.2.1, 7.9.1.2, 7.11.1.1, and 7.11.1.2 will be performed.
- 2. Same analysis as (1) and (3) in section 7.9.1.1 will be performed.

3. Same analysis as (1), (4), (5), (6), (9), (10), (11), (12), (13), (14), (15), (16), and (17) in section 7.11.1.3 will be performed.

. The analysis for best response in target lesions in section 7.8.2.3 will be performed.

Brigatinib-2001	Page 61 of 83
Statistical Analysis Plan Amendment 6	13 Jul 2021

ranned Analysis for the Refractory Patients The analysis for the refractory patients will be performed when all refractory patients have had the opportunity to complete the Cycle 7 Day 1 disease assessment. The data for TKI-naïve Patients will be excluded from the analysis.

The analysis for TKI-naïve Patients will be performed after the final database lock at the end of the study. For efficacy and pharmacokinetic analysis, the same analysis described in section 7.8 to 7.9 as the one for the refractory patients will be performed only in TKI-naïve Patient. Additionally, 12 months PFS rate as assessed by an IRC, per RECIST version 1.1 in the TKInaïve expansion cohort will be performed as primary endpoint. For disposition of subjects, demographic, compliance, and safety analysis, the same analysis described in section 7.3 to 7.7, and 7.11 as the one for the refractory patients will be performed in TKI-naïve Patient and in all patients who have been enrolled.

7.13.3 **Planned Final Analysis**

For efficacy analysis, the analysis described in section 7.8 to 7.9 will be performed in following population.

- TKI-naïve Patients.
- Refractory Patients.

For disposition of subjects, demographic, compliance, and safety analysis, the same analysis described in section 7.3 to 7.7, and 7.11 will be performed in following population

- TKI-naïve Patients.
- **Refractory Patients**
- All patients who have been enrolled.

7.14 **Changes in the Statistical Analysis Plan**

Based on comment from the team members, the following things has been changed.

- The analysis for photosensitivity event as special interest AE has been added.
- The analysis which was done in adhoc analysis has been added as additional analysis.
- Section 7.13.3 has been added.

Brigatinib-2001	Page 62 of 83
Statistical Analysis Plan Amendment 6	13 Jul 2021

Lupioving the flexibility and efficiency of phase II designs for oncology Luns. Biometrics 2012;68(3):886-92. Kunzmann, K. and Kieser, M. Point estimation and p values in phase II adaptive two-stage designs with binary endpoint. Statistics in Medicine 2017; 36, 971–984. EORTC QLQ-C30 Scoring Manual (3rd edition). Fayers PM Accor Groenvold M, Curran D, Bottomley A. on bok-10 EORTC, 2001. ISBN: 2,0200

Ikeda S, Shiroiwa T, Igarashi A, Noto S, Fukuda T, and Saito S, Shimozuma K. Developing a Japanese version of the EQ-5D-5L value set. Journal of the National Institute of Public Health,

Brigatinib-2001	l Page 6	3 of 83
Statistical Anal	ysis Plan Amendment 6 13 Ju	<u>il 2021</u>
Appendix 1	Criteria for Markedly Abnormal Values	E USE
-	meter except upper MAV Criteria of QTcF Interval, all evaluable data (ie, non will be classified as a MAV or not. The criteria in the table below will be used	

Appendix 1 Criteria for Markedly Abnormal Values

For each parameter except upper MAV Criteria of QTcF Interval, all evaluable data (ie, nonmissing data) will be classified as a MAV or not. The criteria in the table below will be used.

For each parameter and subject, classifications will be made according to the conditions i) to in provided below. The lower and the upper criteria will be considered separately.

- i) A subject with at least one evaluable data after baseline that meets the MAV criteria will be classified as a subject with MAV.
- ii) A subject who does not meet condition i) and has at least one evaluable data after baseline that doesn't meet the MAV criteria will be considered as a subject without MAV.
- iii) A subject who does not meet conditions i) or ii) will be excluded from the analysis of MAV for that parameter.

12-lead ECG

	MAV	Criteria
Parameter	bower Criteria	Upper Criteria
QT Interval (msec)	<=50	>=460
QTcF Interval (msec)	<=50	-

For upper MAV Criteria of QTcF Interval, all evaluable data (ie, non-missing data) will be classified as a MAV or not. The criterian the table below will be used. Note that the observed value and the change from baseline used for classification should be measurements taken on the same day.

For each subject, classifications will be made according to the conditions i) to iii) provided below.

- i) A subject with at least one evaluable data after baseline that meets the MAV criteria will be classified as a subject with MAV.
- ii) A subject who does not meet condition i) and has at least one evaluable data after baseline that meets any of the following will be considered as a subject without MAV.

Observed value is less than 450 msec and not missing.

- Change from baseline is less than 30 msec and not missing, and observed value is less than 500 msec and not missing.
- iii) A subject who does not meet conditions i) or ii) will be excluded from the analysis of MAV.

Page 64 of 83 13 Jul 2021

Statistical Analysis Pla	n Amendment 6	1	3 Jul 2021
-		MAV Criteria	<u>I3 Jul 2021</u>
Parameter	Lower Criteria	Upper Criteria	
QTcF Interval (msec)	-	If either of the following conditions is met:	2
		 observed value >=500 change from baseline >= 30 and observed value 	hue >= 150
		change nom observed va	
		, Co.	, ,
		Sri.	
		i ee	
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	CON		
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Xer			
10			
0 ¹			
4		If either of the following conditions is met: • observed value >= 500 • change from baseline >= 30 and observed va	
đ			

Appendix 2 Definition of Adverse Event of GI events, Hepatic events and Visual **Impairment Events**

Appendix 2Definition of A Impairment E• GI events	dverse Event of GI events, vents	13 Jul 2021 Hepatic events and Visual
Search criteria	PT_CODE (a)	PT_NAME (a)
SMQ: Gastrointestinal	10000059	Abdominal discomfort
nonspecific symptoms and	1000060	Abdominal distension
therapeutic procedures –	10000081	Abdominal pain
-	1000084	Abdominal pain lower
-	1000087	Abdominal pain upper
-	10060926	Abdominal symptom
-	10000097	Abdominal tenderness
-	10063541	Bowel movement irregularity
-	10008399	Change of bowel habit
-	10010774	Constipation
-	10012735	Diarrhoea
-	10079120	Discoloured vomit
	10053155	Epigastric discomfort
	1001513	Eructation
	10016766	Flatulence
	10017367	Frequent bowel movements
_	10017999	Gastrointestinal pain
_	10067715	Gastrointestinal sounds abnormal
_	10059024	Gastrointestinal toxicity
	10059158	Infrequent bowel movements
	10028813	Nausea
	10062501	Non-cardiac chest pain
. For nor -	10053634	Oesophageal discomfort
4 ⁰ ` _	10030180	Oesophageal pain
	10047700	Vomiting
Other PTs	10013950	Dysphagia
- atte	10070840	Gastrointestinal tract irritation
(a) MedDRA version 23.0.	10067171	Regurgitation
<u> </u>	10038776	Retching
(a) MedDRA version 23.0.	10047708	Vomiting projectile

• Hepatic events

,· ,		
Hepatic events		
Search criteria	PT_CODE (a)	PT_NAME (a)
SMQ: Liver related	10001547	Alanine aminotransferase abnormal
investigations, signs and symptoms	10001551	Alanine aminotransferase increased
symptoms	10003477	Aspartate aminotransferase abnormal
	10003481	Aspartate aminotransferase increased
	10067718	Bilirubin conjugated abnormal
	10004685	Bilirubin conjugated increased
	10077356	Bilirubin urine present
	10004792	Biopsy hver abnormal
	10058477	Blood bilirubin abnormal
	10005364	Blood bilirubin increased
	10005370	Blood bilirubin unconjugated increased
	10078360	Computerised tomogram liver abnormal
	10052554	Foetor hepaticus
	10059710	Galactose elimination capacity test abnormal
	10059712	Galactose elimination capacity test decreased
	10017688	Gamma-glutamyltransferase abnormal
	10017693	Gamma-glutamyltransferase increased
	10051333	Guanase increased
	10019621	Hepaplastin abnormal
	10019622	Hepaplastin decreased
	10068997	Hepatic artery flow decreased
c,C	10062685	Hepatic enzyme abnormal
	10060794	Hepatic enzyme decreased
~ ⁰ `	10060795	Hepatic enzyme increased
· ~ `	10019670	Hepatic function abnormal
	10067365	Hepatic hydrothorax
×0.	10076254	Hepatic hypertrophy
	10057110	Hepatic mass
	10019705	Hepatic pain
y of Takeda. For non	10066244	Hepatic sequestration
, O`	10068358	Hepatic vascular resistance increased
3	10066195	Hepatobiliary scan abnormal
	10019842	Hepatomegaly
	10019842	Hepatosplenomegaly
	10019847	Hyperammonaemia
	10020578	Hyperbilirubinaemia

Page	67	of	83
13	Tul	20	121

Brigatinib-2001Page 67 of 8Statistical Analysis Plan Amendment 613 Jul 202		
Search criteria	PT CODE (a)	PT NAME (a)
	10051924	Hypercholia
-	10068237	Hypertransaminasaemia
-	10024690	Liver function test abnormal
-	10077677	Liver function test decreased
-	10077692	Liver function test increased
-	10052550	Liver induration
-	10075895	Liver palpable
-	10061947	Liver scan abnormal
-	10024712	Liver tenderness
-	10064712	Mitochondrial aspartate aminotransferase increased
-	10049631	Qedema due to hepatic disease
-	10054125	Perihepatic discomfort
-	10067338	Retrograde portal vein flow
-	10064558	Total bile acids increased
-	10062688	Transaminases abnormal
-	10054889	Transaminases increased
-	10045428	Ultrasound liver abnormal
-	10050792	Urine bilirubin increased
-	10056536	X-ray hepatobiliary abnormal
-	0059571	Blood alkaline phosphatase abnormal
-	10059570	Blood alkaline phosphatase increased
-	10071634	Deficiency of bile secretion
-	10049483	Glutamate dehydrogenase increased
0	10080824	Glycocholic acid increased
	10059766	Haemorrhagic ascites
~ ⁰ .	10074084	Hepatic fibrosis marker abnormal
	10074413	Hepatic fibrosis marker increased
.<*	10079686	Hepatic lymphocytic infiltration
×0.	10020942	Hypoalbuminaemia
A Per	10077291	Model for end stage liver disease score abnormal
of Takeda. For non-co-	10077292	Model for end stage liver disease score increased
-	10068821	Periportal oedema
-	10069000	Peritoneal fluid protein abnormal
-	10068999	Peritoneal fluid protein decreased
-	10068998	Peritoneal fluid protein increased
-	10082832	AST/ALT ratio abnormal

Search criteria	PT_CODE (a)	PT_NAME (a)
	10084058	Congestive hepatopathy
	10083172	Hepatic venous pressure gradient abnormal
	10083171	Hepatic venous pressure gradient increased
	10084071	Liver opacity
	10083123	Magnetic resonance imaging liver abnormal
SMQ: Cholestasis and jaundice	10061009	Bilirubin excretion disorder
of hepatic origin	10048611	Cholaemia
	10008635	Cholestasis
	10067969	Cholestatic liver injury
	10064190	Cholestatic pruritus
	10072268	Drug-induced liver injury
	10019754	Hepatitis cholestatic
	10020578	Hyperbilirubinaemia
	10021209	Icterus index increased
	10023126	Jaundice
	10023129	Jaundice cholestatic
	10023136	Jaundice hepatocellular
	10066758	Mixed liver injury
	10058117	Ocular icterus
	10074151	Parenteral nutrition associated liver disease
	. 20071634	Deficiency of bile secretion
	10048245	Yellow skin
SMQ: Hepatic failure, fibrosis	10080860	Acquired hepatocerebral degeneration
and cirrhosis and other liver	10000804	Acute hepatic failure
damage-related conditions	10077305	Acute on chronic liver failure
	10070815	Acute yellow liver atrophy
of Takeda. For non	10003445	Ascites
S.	10003547	Asterixis
. < ~	10068547	Bacterascites
XO.	10004659	Biliary cirrhosis
	10004664	Biliary fibrosis
X OK	10082480	Cardiohepatic syndrome
X	10067969	Cholestatic liver injury
O.	10057573	Chronic hepatic failure
5	10010075	Coma hepatic
	10063075	Cryptogenic cirrhosis
	10071265	Diabetic hepatopathy
	10072268	Drug-induced liver injury
	10051010	Duodenal varices

Page 69 of 83 13 Jul 2021

Search criteria	PT_CODE (a)	PT_NAME (a)
	10072319	Gallbladder varices
	10076237	Gastric variceal injection
	10076238	Gastric variceal ligation
	10051012	Gastric varices
	10057572	Gastric varices haemorrhage
	10061997	Hepatectomy
	10019637	Hepatic atrophy
	10065274	Hepatic calcification
	10019641	Hepatic cirrhosis
	10019660	Hepatic encephalopathy
	10066599	Hepatic encephalopathy prophylaxis
	10019663	Hepatic failure
	10019668	Hepatic fibrosis
	10067365	Hepatic hydrothorax
	10064668	Hepatic infiltration eosinophilic
	10061998	Hepatic lesion
	10019692	Hepatic necrosis
	10077215	Hepatic steato-fibrosis
	10019708	Hepatic steatosis
	10019772	Hepatitis fulminant
	10062000	Hepatobiliary disease
	10053244	Hepatocellular foamy cell syndrome
	10019837	Hepatocellular injury
	10052274	Hepatopulmonary syndrome
S	10019845	Hepatorenal failure
- Mre	10019846	Hepatorenal syndrome
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	10019851	Hepatotoxicity
	10071502	Intestinal varices
.~~	10078058	Intestinal varices haemorrhage
XO.	10076640	Liver dialysis
oftakeda. For noi	10024670	Liver disorder
XOL	10067125	Liver injury
4 A A A A A A A A A A A A A A A A A A A	10062040	Liver operation
5.	10024714	Liver transplant
	10025129	Lupoid hepatic cirrhosis
	10076204	Minimal hepatic encephalopathy
	10066758	Mixed liver injury
	10051081	Nodular regenerative hyperplasia
	10082249	Nonalcoholic fatty liver disease

Page 70 of 83 13 Jul 2021

Search criteria	PT_CODE (a)	PT_NAME (a)
	10053219	Non-alcoholic steatohepatitis
	10077259	Non-cirrhotic portal hypertension
	10049631	Oedema due to hepatic disease
	10030210	Oesophageal varices haemorrhage
	10073215	Peripancreatic varices
	10074726	Portal fibrosis
	10036200	Portal hypertension
	10079446	Portal hypertensive colopathy
	10068923	Portal hypertensive enteropathy
	10050897	Portal hypertensive gastropathy
	10073979	Portal vein cavernous transformation
	10073209	Portal vein dilatation
	10067281	Portopulmonary hypertension
	10080429	Primary biliary cholangitis
	10080679	Regenerative siderotic hepatic nodule
	10052279	Renal and liver transplant
	10067338	Retrograde portal vein flow
	10039012	Reye's syndrome
	10070953	Reynold's syndrome
	10067823	Splenic varices
	10068662	Splenic varices haemorrhage
	10076331	Steatohepatitis
	10056956	Subacute hepatic failure
	10056091	Varices oesophageal
Ċ	10072284	Varicose veins of abdominal wall
SC.	10078438	White nipple sign
	10083521	Immune-mediated hepatic disorder
SMQ: Hepatitis, non-infectious	10066263	Acute graft versus host disease in liver
X	10071198	Allergic hepatitis
80.	10080576	Alloimmune hepatitis
XO	10003827	Autoimmune hepatitis
	10072160	Chronic graft versus host disease in liver
SMQ: Hepatitis, non-infectious	10008909	Chronic hepatitis
	10064676	Graft versus host disease in liver
	10019717	Hepatitis
	10019727	Hepatitis acute
	10019754	Hepatitis cholestatic
	10019755	Hepatitis chronic active

Statistical Analysis Plan Amendment	6	13 Jul 2021
Search criteria	PT_CODE (a)	PT_NAME (a)
	10019772	Hepatitis fulminant
	10019795	Hepatitis toxic
	10078962	Immune-mediated hepatitis
	10023025	Ischaemic hepatitis
	10067737	Lupus hepatitis
	10053219	Non-alcoholic steatohepatitis
	10051015	Radiation hepatitis
	10076331	Steatohepatitis
(a) MedDRA version 23.0.		*he
Visual Impairment Events		, <u>*</u> 0
Search criteria	PT_CODE (a)	O PT_NAME (a)

# • Visual Impairment Events

Search criteria	PT_CODE (a)	E (a) $PT_NAME$ (a)	
HLGT: vision disorder	10000389	Accommodation disorder	
	10001902	Amaurosis	
	10001903	Amaurosis fugax	
	10001906	Amblyopia	
	10001912	Amblyopia strabismic	
	1000191	Amblyopia tobacco	
	10002534	Aniseikonia	
	10002537	Anisometropia	
	20003569	Astigmatism	
	10005169	Blindness	
	10005177	Blindness cortical	
	10005178	Blindness day	
, C	10005184	Blindness transient	
SC.	10005186	Blindness unilateral	
	10008585	Chloropsia	
1.01	10008795	Chromatopsia	
X	10010051	Colour blindness acquired	
dia	10012646	Diabetic blindness	
Xe	10013036	Diplopia	
10.	10013892	Dyschromatopsia	
Č,	10015290	Erythropsia	
1×	10019099	Halo vision	
erty of Takeda. For non-c	10020675	Hypermetropia	
	10028651	Myopia	
	10029404	Night blindness	
	10034962	Photopsia	

Search criteria	PT_CODE (a)	PT_NAME (a)
	10036628	Presbyopia
-	10038264	Refraction disorder
-	10038266	Refractive amblyopia
-	10039677	Scintillating scotoma
-	10042441	Sudden visual loss
-	10044245	Toxic optic neuropathy
-	10047511	Vision abnormal neonatal
-	10047513	Vision blurred
-	10047531	Visual acuity reduced
-	10047532	Visual activity reduced transiently
-	10047571	Visual impairment
-	10048216	Xanthopsia
-	10049155	Visual brightness
-	10051819	Cyanopsia
	10052087	Oscillopsia
-	10052128	Glare
	10053549	Altered visual depth perception
	10059397	Antimetropia
	10061322	Optic nerve disorder
	10061323	Optic neuropathy
	10063341	Metamorphopsia
	10063354	Charles Bonnet syndrome
	10064133	Loss of visual contrast sensitivity
	10067557	Dysmetropsia
^{CO}	10068906	Computer vision syndrome
off.	10070917	Eccentric fixation
	10072729	Delayed dark adaptation
201	10073286	Pathologic myopia
of Takeda. For non	10074928	Low luminance best-corrected visual acuity decreased
	10075919	Pseudomyopia
X OF	10076241	Psychogenic visual disorder
<u></u>	10076302	Optic nerve compression
<u> </u>	10076660	Cortical visual impairment
-	10078300	Acute myopia
-	10078508	Homonymous diplopia
-	10078509	Heteronymous diplopia
-	10079450	Visual snow syndrome
-	10079805	Delayed light adaptation

Page	73	of 83	
13	Tul	2021	

Search criteria	PT_CODE (a)	PT_NAME (a)
	10081186	Central vision loss
SMQ: retinal disorder	10054881	Acquired pigmented retinopathy
-	10079367	Acute macular outer retinopathy
	10074444	Acute zonal occult outer retinopathy
-	10064930	Age-related macular degeneration
-	10001903	Amaurosis fugax
-	10002444	Angiogram retina abnormal
-	10063452	Arteriosclerotic retinopathy
-	10071578	Autoimmune retinopathy
-	10004390	Benign neoplasm of retina
-	10072959	Birdshot chorioretinopathy
-	10008762	Chorioretinal atrophy
-	10061763	Chorioretinal disorder
-	10008766	Chorioretinal scar
-	10008769	Chorioretinitis
-	10063118	Chorioretinopathy
-	10010050	Colour blindness
-	1001005 Co	Colour blindness acquired
-	10010056	Colour vision tests abnormal
	10010057	Colour vision tests abnormal blue-yellow
	. 00010058	Colour vision tests abnormal red-green
-	10071321	Commotio retinae
-		Cystoid macular oedema
	10079805	Delayed light adaptation
of Takeda. For non-co	10071004 Detachm	Detachment of macular retinal pigment epithelium
~0` <del>-</del>	10052501	Detachment of retinal pigment epithelium
	10012688	Diabetic retinal oedema
.<	10012689	Diabetic retinopathy
×0.	10078228	Diffuse uveal melanocytic proliferation
	10075567	Dry age-related macular degeneration
X OF	10015831	Extraocular retinoblastoma
<u> </u>	10015901	Exudative retinopathy
0`	10051045	Eye naevus
-	10017520	Fundoscopy abnormal
-	10081899	Hypotony maculopathy
-	10077392	Immune recovery uveitis
-	10073499	Internal limiting membrane peeling
-	10073929	IRVAN syndrome

Page	74	of	83
13	Tul	20	121

Brigatinib-2001 Statistical Analysis Plan Amendment	6	Page 74 of 8 13 Jul 202
Search criteria	PT CODE (a)	PT_NAME (a)
	10059239	Leukaemic retinopathy
	10049935	Lipaemia retinalis
	10025407	Macular cyst
	10025409	Macular degeneration
	10075873	Macular detachment
	10071392	Macular fibrosis
	10051058	Macular hole
	10065534	Macular ischaemia
	10025415	Macular oedema
	10025416	Macular opacity
	10071041	Macular pigmentation
	10060815	Macular pseudohole
	10025419	Macular reflex abnormal
	10065319	Macular rupture
	10063185	Macular scar
	10081199	Macular telangiectasia
	10025425	Maculopathy
	10026432	Malignant neoplasm of retina
	10063341	Metamorphopsia
	10079959	Myopic chorioretinal degeneration
	10080534	Myopic traction maculopathy
	10064997	Necrotising retinitis
all	10071129	Neovascular age-related macular degeneration
of Takeda. For non-con	10062940	Neuropathy, ataxia, retinitis pigmentosa syndrome
	10074696	Noninfective chorioretinitis
	10074699	Noninfective retinitis
<u> </u>	10081568	Non-proliferative retinopathy
×0.	10065311	Paraneoplastic retinopathy
	10034962	Photopsia
	10037525	Pupillary light reflex tests abnormal
<u> </u>	10075189	Purtscher retinopathy
0`	10064714	Radiation retinopathy
	10064145	Retinal aneurysm
	10079121	Retinal aneurysm rupture
	10038824	Retinal arteriovenous malformation
	10038826	Retinal artery embolism
	10038827	Retinal artery occlusion

13 Jul 2021	Page 75 of 83
15 Jul 2021	13 Jul 2021

Search criteria	PT_CODE (a)	PT_NAME (a)
	10038829	Retinal artery spasm
-	10038830	Retinal artery stenosis
-	10038831	Retinal artery thrombosis
-	10077911	Retinal collateral vessels
-	10052643	Retinal coloboma
-	10074908	Retinal cryoablation
-	10038839	Retinal cyst
-	10038840	Retinal cyst excision
-	10038845	Retinal degeneration
-	10038846	Retinal depigmentation
-	10038847	Retinal deposits
-	10038848	Retinal detachment
-	10038853	Retinal disorder
-	10062776	Retinal drusen
-	10038857	Retinal dystrophy
-	10038862	Retinal exudates
-	10071391	Retinal fibrosis
-	10038866	Retinal function test abnormal
-	10038867	Retinal haemorrhage
-	10067848	Retinal implant
-	. 20051742	Retinal infarction
-	10064833	Retinal infiltrates
-	10057430	Retinal injury
	10038871	Retinal ischaemia
- CO	10038873	Retinal laser coagulation
of Takeda. For non-co-	10057428	Retinal melanocytoma
	10038878	Retinal melanoma
	10052784	Retinal migraine
.~ -	10057407	Retinal neoplasm
×0.	10055666	Retinal neovascularisation
	10038886	Retinal oedema
× 0,1	10062107	Retinal operation
<u> </u>	10038891	Retinal pallor
	10071246	Retinal perivascular sheathing
-	10069652	Retinal phototoxicity
-	10062971	Retinal pigment epithelial tear
-	10038893	Retinal pigment epitheliopathy
-	10038894	Retinal pigmentation
-	10038895	Retinal scar

Search criteria	PT_CODE (a)	PT_NAME (a)
	10038897	Retinal tear
	10038899	Retinal telangiectasia
	10077890	Retinal thickening
	10048955	Retinal toxicity
	10067870	Retinal transplant
	10038900	Retinal tumour excision
	10038901	Retinal vascular disorder
	10038903	Retinal vascular occlusion
	10062108	Retinal vascular thrombosis
	10038905	Retinal vasculitis
	10038907	Retinal vein occlusion
	10038908	Retinal vein thrombosis
	10081463	Retinal vein varices
	10073562	Retinal vessel avulsion
	10079569	Retinal white without pressure
	10038910	Retinitis
	10038914	Retinitis pigmentosa
	10038916	Retinoblastoma
	10059663	Retinogram abnormal
	10038923	Retinopathy
	. 20051447	Retinopathy haemorrhagic
	10038926	Retinopathy hypertensive
	10038930	Retinopathy hyperviscosity
4	10038933	Retinopathy of prematurity
c ^O	10038934	Retinopathy proliferative
	10038935	Retinopathy sickle cell
	10038936	Retinopathy solar
	10066985	Retinopexy
	10061492	Retinoschisis
So.	10065569	Rhegmatogenous retinal detachment
NO.	10039677	Scintillating scotoma
<u> </u>	10066785	Scleral buckling surgery
	10040114	Serous retinal detachment
	10081652	Serpiginous choroiditis
	10062958	Subretinal fibrosis
rakeda. For noi	10069356	Subretinal fluid
	10071935	Subretinal haematoma
,		
	10082240	Subretinal hyperreflective exudation

Page 77 of 83
13 Jul 2021

Brigatinib-2001 Statistical Analysis Plan Amendme	ent 6	Page 77 of 83 13 Jul 2021
Search criteria	PT_CODE (a)	13 Jul 2021 PT_NAME (a) Tunnel vision
Starten Criteria	10045178	Tunnel vision
-	10065622	Venous stasis retinopathy
—	10003022	Visual field tests abnormal
_	10066421	Vitreal cells
-	10047644	Vitrectomy
_	10071035	Vitreomacular interface abnormal
-	10071035	Vitreous adhesions
_	10037435	Vitreous detachment
_	10047651	Vitreous disorder
-	10047654	Vitreous floaters
—	10071936	Vitreous haematoma
-	10071555	Vitreous haemorrhage
_	10077514	Vitreous haze
-	10047663	Vitritis
—	10047003	Autoimmune eye disorder
-	10005169	Blindness
—	10005184	Blindness transient
—	10005186	Blindness unilateral
—	10081086	Central vision loss
—	10008795	Chromatopsia
—	. 010081428	Ciliary body melanoma
—	10013892	Dyschromatopsia
_	10015916	Eye disorder
~	10079891	Eye haematoma
- CO-	10015926	Eye haemorrhage
	10078394	Eye opacity
	10081445	Foveal reflex abnormal
	10077000	Hypertensive cerebrovascular disease
. <	10071934	Intraocular haematoma
×0. –	10081061	Intra-ocular injection complication
	10076430	Intravitreal implant
×0 ^{×-}	10053150	Leukocoria
yofTakeda.Fornon-0-	10074928	Low luminance best-corrected visual acuity decreased
	10069385	Ocular ischaemic syndrome
—	10075324	Ocular lymphoma
—	10082039	Ocular stem cell transplant
—	10081144	Ophthalmic artery thrombosis
—	10074349	Ophthalmic vein thrombosis

Page 78 of 83 13 Jul 2021

Search criteria	PT_CODE (a)	PT_NAME (a)
	10073561	Optical coherence tomography abnormal
	10034051	Pars plana cyst
	10073286	Pathologic myopia
	10034960	Photophobia
	10074603	Red reflex abnormal
	10081068	Sclerotomy
	10071573	Susac's syndrome
	10081431	Uveal metanoma
	10047513	Vision blurred
	10047531	Visual acuity reduced
	10047534	Visual acuity tests abnormal
	10047555	Visual field defect
	10047571	Visual impairment
	10082001	Vogt-Koyanagi-Harada disease
	10048216	Xanthopsia
	10071989	Vascular endothelial growth factor overexpression
	10082802	Disruption of the photoreceptor inner
	0,	segment-outer segment
	10083006	Eye infarction
	10083087	Fluorescence angiogram abnormal
	10083329	Foveal degeneration
	10082768	Hyperaesthesia eye
	10083069	Immune-mediated uveitis
~	10082596	Optic disc traction syndrome
	10083565	Orbital haematoma
201	10083187	Serous retinopathy
A akeda. For ne	10083502	Tessellated fundus
$\leq$	10083563	Transpupillary thermotherapy
20.	10031045	Orbital haemorrhage
	10048896	Retinal fovea disorder
	10071181	Vitreoretinal traction syndrome
SMQ: glaucoma	10001902	Amaurosis
SMQ: glaucoma	10001903	Amaurosis fugax
	10071364	Anterior chamber angle neovascularisation
	10069166	Blebitis
	10005169	Blindness
	10005178	Blindness day
	10005184	Blindness transient

Page 79 of 83
13 Jul 2021

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Search criteria	PT_CODE (a)	PT_NAME (a)
	10005186	Blindness unilateral
	10007739	Cataract
	10061769	Ciliary body operation
	10069165	Conjunctival filtering bleb leak
	10080692	Coreoplasty
	10079171	Deep anterior chamber of the eye
	10072729	Delayed dark adaptation
	10014456	Electrooculogram abnormal
	10074027	Exfoliation syndrome
	10072289	Eye colour change
	10057105	Eye laser surgery
	10015958	Eye pain
	10016059	Facial pain
	10052128	Glare
	10077986	Goniotomy
	10022943	Iridoschisis
	10022948	Iris atrophy
	10057420	Iris operation
	10074928	Low luminance best-corrected visual acuit
	19	decreased
	10068960	Narrow anterior chamber angle
	10029404	Night blindness
	10030041	Ocular hyperaemia
	10081144	Ophthalmic artery thrombosis
c,C	10074349	Ophthalmic vein thrombosis
	10048544	Ophthalmodynamometry abnormal
, ⁰ )	10061321	Optic disc disorder
	10034546	Periorbital pain
	10034960	Photophobia
20.	10037520	Pupillary block
	10059663	Retinogram abnormal
1 at	10081068	Sclerotomy
<u>i</u>	10067126	Seidel test positive
strakeda. For non	10066418	Tenon's cyst
	10047513	Vision blurred
	10047531	Visual acuity reduced
	10047532	Visual acuity reduced transiently
	10047549	Visual evoked potentials abnormal
	10047571	Visual impairment

Page 80 of 83 13 Jul 2021

		13 Jul 2021 PT_NAME (a) Hyperaesthesia eye Lie discelemention	
Search criteria	PT_CODE (a)	PT_NAME (a)	
	10082768	Hyperaesthesia eye	
	10083516	Iris discolouration	
SMQ: lens disorder	10054045	Anterior capsule contraction	
	10063937	Capsular block syndrome	
	10008795	Chromatopsia 💦 🖉	
	10012369	Deposit eye	
	10078228	Diffuse uveal melanocytic proliferation	
	10013892	Dyschromatopsia	
	10078394	Eye opacity	
	10024203	Lens dislocation	
	10061219	Lens disorder	
	10071370	Lens extraction	
	10052980	Lenticular operation	
	10074928	Low luminance best-corrected visual acuity decreased	
	10082039	Ocular stem cell transplant	
	10074603	Red reflex abnormal	
	10047513	Vision blurred	
	10047531	Visual acuity reduced	
	10047571	Visual impairment	
other PTs	10000173	Abnormal sensation in eye	
	10071684	Anterior chamber collapse	
	10002683	Anterior chamber opacity	
	10070497	Aqueous humour leakage	
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	10003552	Asthenopia	
	10081123	Autoimmune eye disorder	
201	10008422	Chemical burns of eye	
	10010804	Contact lens intolerance	
	10012369	Deposit eye	
y of takeda. For no.	10013774	Dry eye	
	10015911	Eye burns	
	10015916	Eye disorder	
× N	10015943	Eye inflammation	
0`	10061128	Eye injury	
5	10015946	Eye irritation	
	10078394	Eye opacity	
	10081699	Eye pH abnormal	
	10081700	Eye pH decreased	
	10081701	Eye pH increased	

Page 81 of 83
13 Jul 2021

Brigatinib-2001 Page 81 of 83 Statistical Analysis Plan Amendment 6 13 Jul 2021 Search criteria PT_CODE (a) PT_NAME (a) 10073423 Eye ulcer		
Search criteria	PT_CODE (a)	PT_NAME (a)
	10073423	Eye ulcer
-	10016760	Flat anterior chamber of eye
-	10051116	Foreign body sensation in eyes
-	10074563	Graft versus host disease in eye
-	10020939	Hypoaesthesia eye
-	10072139	Ocular rosacea
-	10082449	Ocular surface squamous neoplasia
-	10061137	Ocular toxicity
-	10056836	Ophthalmological examination abnormal
-	10034960	Photophobia
-	10042530	Superficial injury of eye
-	10073692	Fear break up time decreased
-	10049267	Thermal burns of eye
-	10061412	Vitamin A deficiency eye disorder
-	10048221	Xerophthalmia
-	10001903	Amaurosis fugax
-	10001906	Amblyopia
-	10003230	Arteritis
-	10075688	Autoimmune demyelinating disease
-	10081123	Autoimmune eye disorder
-	. 20005169	Blindness
-	10005184	Blindness transient
-	10005185	Blindness traumatic
	10005186	Blindness unilateral
CO CO	10081186	Central vision loss
	10008087	Cerebral arteritis
	10008795	Chromatopsia
yoftakeda. Fornon	10010051	Colour blindness acquired
	10010056	Colour vision tests abnormal
<u>~~</u> .	10061094	Cranial nerve injury
<u> </u>	10072729	Delayed dark adaptation
<u> </u>	10076456	Delayed myelination
<u>×</u>	10012305	Demyelination
<i>√</i>	10013892	Dyschromatopsia
	10049020	Encephalitis periaxialis diffusa
-	10015923	Eye excision
-	10061852	Eye operation
-	10069060	Eye prosthesis insertion
-	10069061	Eye prosthesis removal

Page 82 of 83
13 Jul 2021

Search criteria	PT_CODE (a)	PT_NAME (a)
	10017520	Fundoscopy abnormal
	10019452	Hemianopia
	10019455	Hemianopia heteronymous
	10019456	Hemianopia homonymous
	10077000	Hypertensive cerebrovascular disease
	10064133	Loss of visual contrast sensitivity
	10074928	Low luminance best-corrected visual acuity decreased
	10029404	Night blindness
	10069385	Ocular ischaemic syndrome
	10081144	Ophthalmic artery thrombosis
	10056836	Ophthalmological examination abnormal
	10030949	Optic pathway injury
	10065372	Orbitotomy
	10077820	Quadrantanopia
	10063613	Radiotherapy to eye
	10038956	Retro-orbital neoplasm
	10039677	Scintillating scotoma
	10045178	Tunnel vision
	10067485	Uhthoff's phenomenon
	10047531	Visual acuity reduced
	10047532	Visual acuity reduced transiently
	10047534	Visual acuity tests abnormal
	10047555	Visual field defect
C C	10047567	Visual field tests abnormal
- Are	10047571	Visual impairment
	10061411	Visual pathway disorder
(CK	10061412	Vitamin A deficiency eye disorder
(a) MedDRA version 23.0.		

Page 83 of 83 13 Jul 2021

Photosensitivity •

t 6	Page 83 of 83 13 Jul 2021	
	13 Jul 2021 PT_NAME (a)	
PT_CODE (a)	PT_NAME (a)	
10000616	Actinic prurigo	
10019165	Hartnup disease	
10023269	Juvenile spring eruption	
10034972	Photosensitivity reaction	
10036087	Polymorphic light eruption	
10041303	Solar dermatitis	
10042496	Suppun	
10051246	Photodermatosis	
10053396	Injection site photosensitivity reaction	
10058730	Application site photosensitivity reaction	
10065486	Infusion site photosensitivity reaction	
10068388	Actinic elastosis	
10072578	Chronic actinic dermatitis	
10073415	Implant site photosensitivity	
10075961	Administration site photosensitivity reaction	
10076137	Medical device site photosensitivity reaction	
10076186	Vaccination site photosensitivity reaction	
10083442	Hydroa vacciniforme	
	10000616 10019165 10023269 10034972 10036087 10041303 10042496 10051246 10053396 10065486 10065486 10072578 10075961 10076137 10076186	

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